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BUREAU OF LABOR STATISTICS,
SPRINGFIELD, ILLS.

TWELFTH BIENNIAL REPORT

OF THE

Bureau of Labor Statistics

OF THE

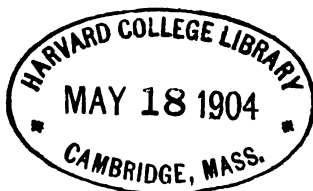
STATE OF ILLINOIS.

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SPRINGFIELD.

STATE OF ILLINOIS,
STATE BUREAU OF LABOR STATISTICS,
SPRINGFIELD, ILL., Dec. 1, 1902.

HONORABLE RICHARD YATES, *Governor of Illinois.*

SIR:—In compliance with the act creating this Bureau, the Board
Commissioners of Labor herewith submit the twelfth biennial report.

Very respectfully,

DAVID ROSS, *Secretary.*

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PART I

MANUFACTURERS

INTRODUCTION.

The Twelfth Biennial Report of the Bureau of Labor Statistics of Illinois is presented in four parts, as follows: Manufactures, trade unions, strikes and lockouts and census population of Illinois.

Part I. This part is the second statistical presentation of manufactures in Illinois, and contains the returns of 767 establishments for the years 1900 and 1901, representing 55 industries.

Part II is the statistics of labor unions of Illinois, representing the returns from 592 organizations, covering the years 1897 and 1901.

Part III is a presentation of strikes and lockouts in Illinois for 20 years, 1881-1900. This data was compiled from the sixteenth annual report of the commissioner of labor, Washington, D. C.

Part IV is a compilation of the census population of Illinois, taken from the twelfth official report of the director of the census of the United States.

MANUFACTURES—ESTABLISHMENTS AND THEIR MANAGEMENT.

The term "establishment" as considered in this report is to be understood as meaning the factory, mill or shop which has furnished the report of its operations. Many of these establishments are the same as those reporting for the years 1895, 1897 and 1899, and published in the eleventh biennial report of the bureau. However, the presentations are from the returns made by the 767 establishments and are the same for each of the years 1900 and 1901.

Returns were received from 122 different locations, as follows:

Abingdon	Bloomington	Collinsville	East Alton
Alton	Bradley	Columbia	Edwardsville
Aledo	Brighton Park	Danville	Effingham
Algonquin	Cairo	Dallas	Elgin
Altamont	Carmi	Daltonville	Englewood
Arlington Heights	Canton	DeKalb	Eureka
Ashley	Carbon Cliff	Decatur	Evansville
Aurora	Carpenterville	Dixon	Farmer City
Averyville	Centralia	Downers Grove	Flora
Batavia	Champaign	DuQuoin	Freeport
Bartonville	Charleston	Dwight	Galesburg
Beardstown	Chester	East St. Louis	Galva
Belleville	Chicago	East Moline	Greenville
Belvidere	Clinton	East Peoria	Havana

Harvard	Mattoon	Onarga	Rockford
Highland	Macomb	Ottawa	Rock Island
Hoopeston	Metropolis	Oregon	Sandwich
Ipava	Mill Shoals	Parson	Sears
Jacksonville	Moline	Peoria	Shawneetown
Johnsonville	Morrison	Pekin	Springfield
Joliet	Morton	Peru	Streator
Kankakee	Monmouth	Pinckneyville	Sterling
Keithsburg	Mound City	Pontiac	St. Charles
Kewanee	Murphysboro	Pontoesue	South Chicago
LaSalle	Mt. Carmel	Pullman	Sycamore
Lemont	Mt. Vernon	Quincy	Urbana
Lincoln	Nashville	Rankin	Vienna
Litchfield	New Athens	Richview	Waterloo
Lockport	New Boston	Rockton	Waukegan
Madison	Oak Park	Rock Falls	White Hall
Marseilles	Oquawka		

The following table shows the number of establishments from which returns have been received for each year since the publication of these reports on manufactures:

Year.	Establishments.	Year.	Establishments.
1895.....	} 627	1900.....	} 767
1897.....		1901.....	
1899.....			

The primary object in these reports being a comparison between the different years, only those making returns for the years are considered, hence the 767 establishments treated in this report are identical for the years 1900 and 1901.

PARTNERS AND STOCKHOLDERS, BY INDUSTRIES.

Table I, following, presents the private firms with the number of partners, and the corporations with the number of stockholders for the total number of establishments considered.

TABLE NO. 1—*Statement of the Number of Private Firms and Number of Partners, and the Number of Corporations and Number of Stockholders Operating the 767 Establishments for the Years 1900 and 1901.*

INDUSTRY.	No. of establishments.....	1900.				1901.			
		PRIVATE FIRMS.		CORPORATIONS.		PRIVATE FIRMS.		CORPORATIONS.	
		Number.	Partners.	Number.	Stockholders.	Number.	Partners.	Number.	Stockholders.
Agricultural implements.....	29	3	5	26	361	3	5	26	369
Awnings, tents, etc.....	4	.....	.....	4	21	.....	.....	4	21
Bakery products ...	5	1	2	4	11	1	2	4	11

Table No. 1—Continued.

INDUSTRY.	No. of establishments.	1900.				1901.			
		PRIVATE FIRMS.		CORPORATIONS.		PRIVATE FIRMS.		CORPORATIONS.	
		Number.	Partners.	Number.	Stockholders.	Number.	Partners.	Number.	Stockholders.
Bicycles and tricycles	4	.....	.....	4	17	.....	.....	4	17
Boots and shoes.....	7	3	6	4	41	3	6	4	41
Boxes, barrels, kegs, etc.....	30	11	16	19	271	11	16	19	273
Brick, tile and sewer pipe.....	26	10	28	16	280	10	26	16	278
Brooms and brushes.....	2	1	1	1	3	1	1	1	3
Building material, wood.....	39	16	24	23	143	16	33	23	138
Burial cases, coffins, etc.....	4	1	2	3	92	1	2	3	92
Button and dress trimmings.....	4	1	4	3	26	1	4	3	26
Carriages and wagons	20	4	6	16	117	4	6	16	120
Cigars and tobacco.....	19	13	20	6	20	13	20	6	20
Clothing	45	37	65	8	35	36	64	9	38
Confectionery	6	4	7	2	215	4	7	2	262
Drugs and medicines.....	6	2	2	4	37	1	1	5	297
Electric apparatus, etc	4	.....	.....	4	229	.....	.....	4	233
Electric light, power and gas	7	.....	.....	7	63	.....	.....	7	63
Fancy articles.....	6	4	6	2	14	4	6	2	14
Fertilisers.....	4	1	2	3	17	1	2	3	17
Food preparations.....	29	13	22	16	81	12	20	17	81
Furniture	52	14	23	38	455	14	23	38	453
Furnishing goods.....	10	5	10	5	12	4	8	6	15
Glass.....	7	3	7	4	30	3	7	4	30
Hats, caps, gloves and mittens.....	4	1	3	3	9	1	3	3	9
Hosiery and knit goods.....	3	1	1	2	28	1	1	2	28
Iron and steel, forgings, castings, etc.	28	6	12	22	1,139	6	12	22	1,139
Iron structural and ornamental.....	9	3	3	6	30	3	3	6	30
Jewelry and watch cases	7	3	3	4	20	3	3	4	20
Leather and leather goods.....	15	6	11	9	81	5	9	10	81
Lithographing and engraving.....	3	.....	.....	3	17	.....	.....	3	18
Liquors, malt and distilled.....	13	.....	.....	13	66	.....	.....	13	69
Machines and machinery.....	50	17	23	33	263	16	21	34	347
Meats, packing and preserving	10	1	2	9	2,664	1	2	9	2,654
Metals and metallic goods.....	35	7	13	28	1,180	7	13	28	1,20

Table No. 1—Concluded.

INDUSTRY.	No. of establishments.	1900.				1901.			
		PRIVATE FIRMS.		CORPORATIONS.		PRIVATE FIRMS.		CORPORATIONS.	
		Number.	Partners.	Number.	Stockholders.	Number.	Partners.	Number.	Stockholders.
Milling, flour and feed.....	6	1	1	5	27	1	1	5	27
Millinery and lace goods.....	5	4	7	1	14	4	7	1	14
Models, lasts and patterns.....	3	2	2	1	6	2	2	1	6
Musical instruments.....	14	3	4	11	83	3	4	11	81
Oils, varnish, etc.....	4	2	4	2	9	2	4	2	8
Paper boxes, tags, etc.....	13	5	6	8	617	5	6	8	617
Paving and paving materials.....	13	9	14	4	117	6	11	7	29
Photography and materials.....	11	1	1	10	54	1	1	10	41
Pottery.....	8	2	8	6	45	2	8	6	55
Printing, publishing and bookbinding	53	14	27	39	211	13	24	40	216
Railroad construction and equipment.	37	.....	.....	37	29,716	.....	.....	37	31,978
Roofing and roofing materials.....	7	4	8	3	12	4	8	3	12
Stone, cut and monumental.....	9	4	5	5	37	4	5	5	37
Stone, quarried.....	2	1	1	1	2	1	1	1	2
Stoves and castings.....	11	.....	.....	11	130	.....	.....	11	133
Surgical instruments and appliances..	3	2	3	1	22	2	3	1	22
Tin and copper smithing.....	7	3	5	4	19	3	5	4	19
Wire goods.....	4	.....	.....	4	55	.....	.....	4	55
Wooden goods.....	5	2	4	3	10	2	4	3	10
Woolen and cotton goods, dyeing, etc..	6	2	2	4	158	2	2	4	158
All industries.....	767	253	439	514	39,632	243	422	524	43,081

Referring to the totals of this table, it will be seen that of the 767 establishments in 1900, 253 or 32.99 per cent were controlled by private firms and 514, or 67.01 per cent by corporations; in 1901, the same establishments, 243 or 31.68 per cent were managed by private firms and 524 or 68.32 by corporations; this shows a decrease of private firms in 1901 of 10 or 3.95 per cent compared with 1900, and an increase in the number of corporations of 10 or 1.95 per cent. Nine of the industries presented are not represented by private firms.

In 1900 there were 439 partners conducting the private firms, and 39,632 stockholders interested in corporations; in 1901 the number of partners in private firms decreased to 432, while the number of stockholders increased to 43,081.

The following table presents the increase and decrease:

TABLE No. 2.—*Number of Partners in Private Firms and Number of Stockholders in Corporations.*

CLASSIFICATION.	NUMBER IN—		INCREASE (+) OR DECREASE (—) IN 1901.	
	1900	1901	Number.	Per- centages.
Partners	439	432	—17	—3.87
Stockholders	39,632	43,081	+3,449	+8.70

The following table shows the average number of partners in each firm, and the average number of stockholders in each corporation:

TABLE No. 3—*Number of Partners and Stockholders in all Industries with Averages in Private Firms and Corporations.*

Classification.	Number and average in 1900.	Number and average in 1901.
Number of partners.....	439	432
Average number of partners to each firm.....	1.74	1.74
Number of stockholders.....	39,632	43,081
Average number of stockholders to each corporation	77.11	82.22

For the purpose of making comparisons throughout all the presentations following, 21 or 38.18 per cent of the industries have been selected and designated as leading industries; the comparisons of these industries will be made with the 34 other industries and with all industries. The selected industries each represent over \$1,000,000 of capital invested in each of the two years. The following table

shows the number of private firms and partners, the number of corporations, and stockholders for the 21 leading industries, other industries, and all industries:

TABLE NO. 4.—*Comparison of Private Firms and Partners and of Corporations and Stockholders in Twenty-one of the Leading Industries in "Thirty-four Industries" and in "All Industries" for the years 1900 and 1901.*

INDUSTRY.	No. of establishments.	1900.				1901.			
		PRIVATE FIRMS.		CORPORATIONS.		PRIVATE FIRMS.		CORPORATIONS.	
		Number.	Partners.	Number.	Stockholders.	Number.	Partners.	Number.	Stockholders.
Agricultural implements.....	29	3	5	26	361	3	5	26	369
Awnings, tents, etc.....	4	.....	.....	4	21	.....	.....	4	21
Boxes, barrels, kegs, etc.....	30	11	16	19	271	11	16	19	273
Brick, tile and sewer pipe.....	26	10	26	16	280	10	26	16	278
Building material, wood.....	39	16	24	23	143	16	23	23	128
Carriages and wagons.....	20	4	6	16	117	4	6	16	120
Clothing.....	45	27	65	8	25	26	64	9	23
Electric apparatus, etc.....	4	.....	.....	4	229	.....	.....	4	228
Electric light, power and gas.....	7	.....	.....	7	63	.....	.....	7	63
Food preparations.....	29	13	23	16	81	12	20	17	81
Furniture.....	52	14	23	28	455	14	23	28	453
Iron and steel forgings, castings, etc..	28	6	12	22	1,139	6	12	22	1,139
Iron, structural and ornamental.....	9	3	3	6	30	3	3	6	30
Liquors, malt and distilled.....	13	.....	.....	13	66	.....	.....	13	69
Machines and machinery.....	50	17	23	32	263	16	21	34	347
Meats, packing and preserving.....	10	1	2	9	2,864	1	2	9	2,654
Metals and metallic goods.....	35	7	13	28	1,180	7	13	28	1,204
Musical instruments.....	14	3	4	11	83	3	4	11	81
Printing, publishing and bookbinding	53	14	27	39	211	13	24	40	216
Railroad construction and equipment.	37	.....	.....	37	29,716	.....	.....	37	31,978
Stoves and castings.....	11	.....	.....	11	130	.....	.....	11	123
Twenty-one industries.....	545	159	281	286	37,728	154	272	290	40,968
Thirty-four industries.....	222	94	158	128	1,894	89	150	124	2,113
All industries.....	767	253	439	514	39,622	243	422	524	43,081
Percentages of 21 industries.....	71.06	62.66	64.00	75.1	96.22	63.37	64.45	74.43	95.10

From the first of the final lines of the table it will be seen that the 21 selected industries represent, in 1900, 545 or 71.06 per cent of the establishments; 159 or 62.85 per cent of the private firms; 281 or 64 per cent of the partners; 386 or 75.1 per cent of the corporations, and 37,738 or 95.22 per cent of the stockholders. The facts for 1901 may be stated as follows, the establishments being the same as in 1900: Private firms 63.37 per cent, partners 64.45 per cent; corporations 74.43 per cent, stockholders 95.10 per cent. In all industries the average number of partners to a firm in 1900 was 1.74; the average number of stockholders to a corporation was 77.12. In 1901 the average number of partners to a firm was the same as in 1900; however the average number of stockholders to a corporation was 82.22.

CAPITAL INVESTED BY INDUSTRIES.

The capital invested, as shown by the tables following, comprises the value of lands, buildings, fixtures, machinery, motive power, implements and tools, patent rights, franchises, patterns, raw material on hand, rent, taxes, and insurance

As to the value of the material on hand, it is of course difficult to determine accurately, as a large amount on hand at the date of making the report, in either year, would make the total invested show materially larger than at any other time in the same year. It is found, however, that in a majority of the returns much care is manifested in reporting these items.

The capital invested for the two years is given in the following table:

TABLE NO. 5.—*Comparing the Amount of Capital Invested for the Years 1900 and 1901, with Amounts and Percentages of Increase and Decrease.*

INDUSTRY.	Number of establishments.	AMOUNT OF CAPITAL INVESTED.		Increase.	Decrease.	Net increase (+) or decrease (-).	Percentage. Increase (+) or decrease (-).
		1900.	1901.				
Agricultural implements.....	29	\$4,024,842	\$4,358,608	\$ 407,937	\$ 74,176	+	\$333,761 + 8.29
Awnings, tents, etc.....	4	1,098,864	864,750	8,000	242,114	-	234,114 -21.81
Bakery products.....	5	406,190	546,562	140,372	.....	+	140,372 +24.56
Bicycles and tricycles.....	4	407,900	397,900	.....	10,000	-	10,000 - 2.45
Boots and shoes.....	7	857,464	938,726	82,322	1,050	+	81,272 + 9.59

Table 5—Continued.

INDUSTRY.	Number of establishments.	AMOUNT OF CAPITAL INVESTED		Increase.	Decrease.	Net increase (+) or decrease (—)	Percentage. In-crease (+) or decrease (—).
		1900.	1901.				
Boxes, barrels, kegs, etc.	30	\$2,719,353	\$2,880,730	\$ 179,314	\$ 17,636	+\$ 161,678	+ 5.93
Brick, tile and sewer pipe....	26	1,445,341	1,469,247	44,105	20,199	+ 23,906	+ 1.65
Brooms and brushes.....	2	23,150	44,850	6,700	.....	+ 6,700	+17.56
Building material, wood.....	29	1,623,275	1,729,884	119,758	3,149	+ 111,609	+ 6.85
Burial cases, coffins, etc.....	4	337,698	343,900	8,080	1,798	+ 6,302	+18.37
Buttons and dress trimmings	4	192,199	197,698	5,499	.....	+ 5,499	+ 2.86
Carriages and wagons.....	20	1,536,869	1,639,021	209,680	47,528	+ 162,152	+10.55
Cigars and tobacco.....	19	483,922	566,974	92,428	3,376	+ 84,052	+17.40
Clothing	45	1,940,059	1,990,372	132,415	82,102	+ 50,313	+ 2.59
Confectionery	6	449,119	503,097	54,418	446	+ 53,978	+12.02
Drugs and medicines.....	6	514,589	531,006	28,327	12,300	+ 16,467	+ 3.20
Electric apparatus, etc.....	4	3,835,696	4,147,951	312,255	.....	+ 312,255	+ 8.14
Electric light, power and gas.	7	1,355,357	4,567,926	3,238,867	26,298	+ 3,212,569	+237.08
Fancy articles	6	107,417	134,906	28,001	512	+ 27,489	+25.59
Fertilizers	4	244,507	241,784	13,940	16,663	— 2,723	—11.14
Food preparations	29	1,657,201	1,689,714	94,927	62,414	+ 32,513	+ 1.96
Furniture.....	52	2,602,168	2,825,258	241,519	18,429	+ 223,090	+ 8.57
Furnishing goods.....	10	726,622	697,750	18,891	47,763	— 28,872	— 3.97
Glass.....	7	533,609	521,687	16,546	28,468	— 11,922	— 2.23
Hats, caps, gloves, mittens...	4	68,100	81,041	13,091	150	+ 12,941	+18.86
Hosiery and knit goods.....	3	854,853	874,507	27,717	3,063	+ 19,654	+ 2.30
Iron, steel, forgings, castings.	28	6,795,768	7,598,449	914,656	111,975	+ 802,681	+11.81
Iron, structural, ornamental.	9	1,372,629	1,553,174	180,545	.....	+ 180,545	+13.15
Jewelry and watch cases	7	293,517	321,644	28,127	.....	+ 28,127	+ 9.58
Leather and leather goods ...	15	735,508	812,754	107,423	177	+ 107,246	+14.61
Lithographing, engraving ...	3	197,579	218,231	21,751	1,099	+ 20,652	+10.45
Liquors, malt and distilled...	13	2,658,770	2,883,553	224,783	.....	+ 224,783	+ 8.45
Machines and machinery.....	50	3,312,497	3,761,330	490,863	42,020	+ 448,833	+13.55
Meats, packing, preserving..	10	3,588,298	4,136,567	548,279	.....	+ 548,279	+15.28
Metals and metallic goods ...	25	2,692,744	3,139,891	450,703	3,556	+ 447,147	+16.61
Milling, flour and feed.....	6	755,188	735,996	31,000	50,192	— 19,192	— 2.54
Millinery and lace goods	5	123,901	151,225	17,324	.....	+ 17,324	+12.94
Models, lasts and patterns ...	3	48,474	51,787	3,313	.....	+ 3,313	+ 6.83
Musical instruments.....	14	1,163,563	1,294,147	134,514	3,930	+ 130,584	+11.22
Oils, varnish, etc.....	4	515,500	513,300	800	3,000	— 2,200	— .43

Table 5—Concluded.

INDUSTRY.	Number of es- tablishments.	AMOUNT OF CAPITAL INVESTED.		Increase.	Decrease.	Net increase (+) or decrease (-).	Percentage in- crease (+) or decrease (-).
		1900.	1901.				
Paper boxes, tags, etc.....	13	\$ 333,323	\$ 400,625	\$ 23,741	\$ 10,949 +	\$ 11,792 +	+ 3.03
Paving and paving materials.	13	247,955	271,789	25,277	1,443 +	23,834 +	+ 9.57
Photography and materials..	11	457,511	472,612	6,681	1,530 +	5,101 +	+ 1.09
Pottery	8	443,723	486,430	42,758	61 +	42,697 +	+ 9.62
Printing, publ'g, bookbinding	53	2,367,950	2,414,549	33,839	47,241 +	46,596 +	+ 1.97
R. R. construction and equip.	37	7,685,813	8,544,844	1,061,958	202,327 +	859,081 +	+11.18
Roofing and roofing materials	7	100,124	185,027	36,093	1,200 +	24,893 +	+24.86
Stone, cut and monumental..	9	285,701	304,197	19,644	1,143 +	18,496 +	+ 6.47
Stone, quarried	2	7,900	9,763	2,000	139 +	1,862 +	+23.57
Stoves and castings	11	1,102,322	1,074,330	28,034	66,026 -	27,992 -	- 2.54
Surgical instrum'ts and appli.	3	81,479	93,664	12,185	..... +	12,185 +	+14.95
Tin and copper smithing.....	7	184,911	226,951	42,040	..... +	42,040 +	+22.74
Wire goods	4	237,513	239,414	50,901	..... +	50,901 +	+21.43
Wooden goods.....	5	151,970	152,725	1,000	245 +	755 +	+ .50
Woolen, cotton goods, dyeing	6	825,466	944,122	18,654	..... +	18,654 +	+ 2.26
All industries	767	\$63,908,412	\$77,777,912	\$10,153,245	\$1,238,745 +	\$8,869,500 +	+12.87

Referring to the table, it is seen that railroad construction and equipment shows the largest amount of capital. For 1900 the 37 establishments show \$7,685,813, and for 1901, \$8,544,844, being an increase of 11.18 per cent. This industry is closely followed by iron and steel, forgings, etc., with a capital in 1900 of \$6,795,768, as against \$7,598,449 in 1901, an increase of 11.81 per cent.

The most noticeable increase of investment is that of the seven establishments operating electric light, power and gas plants. In 1900, as shown in the table, the investment was \$1,355,357; in 1901 it was \$4,567,926, making a net gain of \$3,212,569 or 237.03 per cent. Some of the other industries show large percentages of increase. Only eight industries show a decrease.

The largest average investment is shown in the electric apparatus, etc., industry, represented by four establishments. In 1900 these four establishments had an investment \$3,835,696, or an average to each of \$958,924. In 1901 this was increased to \$4,147,951, or an average of \$1,036,988.

The total net increase of all industries is shown to be \$8,869,500, or 12.87 per cent.

The following table gives the capital invested by the 21 selected industries, other industries, and all industries:

TABLE No 6—*Comparison of Twenty-one Leading Industries, Showing the Capital Invested with Amounts and Percentages of Increase or Decrease for the Year 1901, for "Thirty-four Industries" and for "All Industries."*

INDUSTRY.	Number of establishments.	CAPITAL INVESTED.		INCREASE (+) OR DECREASE (−) 1901.	
		1900.	1901.	Amount.	Percentages
Agricultural implements	29	\$4,034,842	\$4,358,608	+\$323,761	+8.29
Awnings, tents, etc	4	1,096,864	864,750	−234,114	−21.31
Boxes, barrels, kegs, etc	30	2,719,352	2,880,730	+161,378	+5.93
Brick, tile and sewer pipe	26	1,445,841	1,469,247	+23,906	+1.65
Building material, wood	39	1,628,275	1,739,884	+111,609	+6.85
Carriages and wagons	20	1,536,869	1,699,031	+162,162	+10.55
Clothing	45	1,940,069	1,990,372	+50,313	+2.59
Electric apparatus, etc	4	2,835,696	4,147,951	+\$312,255	+8.14
Electric light, power and gas	7	1,355,857	4,587,928	+\$3,212,569	+237.08
Food preparations	29	1,657,201	1,689,714	+32,513	+1.96
Furniture	52	2,602,168	2,825,258	+223,090	+8.57
Iron and steel forgings, cast'gs, etc	28	6,736,768	7,598,449	+862,681	+11.81
Iron, structural and ornamental	9	1,372,629	1,553,174	+180,545	+13.15
Liquors, malt and distilled	13	2,659,770	2,883,553	+224,783	+8.45
Machines and machinery	50	3,312,497	3,761,330	+448,833	+13.55
Meats, packing and preserving	10	2,598,288	4,136,567	+548,279	+15.28
Metals and metallic goods	35	2,692,744	3,139,891	+447,147	+16.61
Musical instruments	14	1,163,563	1,294,147	+130,584	+11.23
Printing, publishing, bookbinding	53	2,367,950	2,414,548	+46,598	+1.97
Railroad, construct'n, equipment	37	7,685,813	8,544,844	+859,031	+11.18
Stoves and castings	11	1,102,322	1,074,330	−27,992	−2.54
Twenty-one industries	545	\$56,584,365	\$64,634,289	\$8,049,921	+14.23
Thirty-four industries	222	12,324,044	13,143,623	819,579	+6.65
All industries	767	\$68,908,412	\$77,777,912	\$8,869,500	+12.87

Referring to the first of the three final lines in this table, it will be seen that in 1900 the 21 selected leading industries represent 82.12 per cent of the capital invested, and in 1901, 83.10 per cent. Of the net increase in 1901 over 1900 these industries represent 90.76 per cent, the net increase being 14.23 per cent.

The aggregate amount of capital represented as invested in 1900 by the 767 establishments is \$68,908,412; in 1901, \$77,777,912.

The following table shows the industries and percentages of increase or decrease of capital invested, comparing the year 1900 with 1901; also giving the industries showing a decrease of capital in 1901 from 1900:

TABLE NO. 7—*Percentages of Increase or Decrease in capital invested in 1901, also Decrease in capital. By Industries.*

INDUSTRY.	Number of establishments.	PERCENTAGE—		
		Over all industries (12.87)	Under all industries (12.87)	Decrease.
Agricultural implements.....	29	.....	8.29	.....
Awnings, tents, etc.....	4	.....	.....	21.81
Bakery products.....	5	24.56	.....	.....
Bicycles and tricycles.....	4	.....	.....	2.45
Boots and shoes.....	7	.....	9.59	.....
Boxes, barrels, kegs, etc.....	30	.....	5.93	.....
Brick, tile and sewer pipe.....	26	.....	1.65	.....
Brooms and brushes.....	2	17.56	.....	.....
Building material, wood.....	39	.....	6.85	.....
Burial cases, coffins, etc.....	4	18.37	.....	.....
Buttons and dress trimmings.....	4	.....	2.96	.....
Carriages and wagons.....	20	.....	10.55	.....
Cigars and tobacco.....	19	17.40	.....	.....
Clothing.....	45	.....	2.59	.....
Confectionery.....	6	.....	12.02	.....
Drugs and medicines.....	6	.....	3.20	.....
Electric apparatus, etc.....	4	.....	8.14	.....
Electric light, power and gas.....	7	257.03	.....	.....
Fancy articles.....	6	25.59	.....	.....
Fertilizers.....	4	.....	.....	11.14
Food preparations.....	39	.....	1.96	.....
Furniture.....	53	.....	8.57	.....
Furnishing goods.....	10	.....	.....	3.97

Table No. 7—Concluded.

INDUSTRY.	Number of establish- ments.	PERCENTAGE—		
		Over all industries (12.87)	Under all industries (12.87)	Decrease.
Glass.....	7			2.23
Hats, caps, gloves and mittens	4	18.96		
Hosiery and knit goods.....	3		2.30	
Iron and steel, forgings, castings, etc.....	28		11.61	
Iron, structural and ornamental.....	9	12.15		
Jewelry and watch cases	7		9.58	
Leather and leather goods	15	14.61		
Lithographing and engraving.....	3		10.45	
Liquors, malt and distilled.....	12		8.45	
Machines and machinery.....	50	12.55		
Meats, packing and preserving.....	10	15.28		
Metals and metallic goods.....	35	16.61		
Milling, flour and feed.....	6			2.54
Millinery and lace goods	5	12.94		
Models, lasts and patterns	3		6.83	
Musical instruments.....	14		11.22	
Oils, varnish, etc.....	4			0.43
Paper boxes, tags, etc.....	12		3.06	
Paving and paving materials	13		9.57	
Photography and materials	11		1.09	
Pottery	8		9.62	
Printing, publishing and book binding	53		1.97	
Railroad construction and equipment.....	37		11.18	
Roofing and roofing materials	7	24.85		
Stone, cut and ornamental	9		6.47	
Stone, quarried	2	23.57		
Stoves and castings	11			2.54
Surgical instruments and appliances	3	14.96		
Tin and copper smithing.....	7	22.74		
Wire goods.....	4	21.43		
Wooden goods.....	5		0.50	
Woolen and cotton goods, dyeing, etc.....	6		2.26	
All industries	767			

Here it is seen that 18 industries, representing 71 establishments, show a net increase of capital invested in their business ranging from 12.94 per cent to 237.03 per cent, being over 12.87 per cent—the net increase of all industries, shown in Table 5. The industries showing an increase in capital invested, but less than 12.87 per cent, are 29, representing 523 establishments. The industries showing a decrease in capital in 1901 are eight in number. These represent only 50 establishments.

VALUE OF STOCK OR MATERIAL USED.

The following table gives the value of stock or material used in the 767 establishments in the two years considered:

TABLE NO. 8—*Showing the Value of Stock Used in Each Industry for the years 1900 and 1901, with Amounts and Percentages of Increase or Decrease.*

INDUSTRY.	Number of establishments.	VALUE OF STOCK USED.		Increase 1901, over 1900.	Decrease 1901, from 1900.	Net increase (+) or decrease (-).	Percentage increase (+) or decrease (-).
		1900.	1901.				
Agricultural implements.	29	\$2,996,525	\$3,087,906	\$904,603	\$21,222	+ \$92,381	+ 3.08
Awnings, tents, etc	4	857,052	625,707	7,660	239,005	- 231,945	- 26.99
Bakery products	5	848,916	963,600	124,654	.....	+ 134,664	+ 15.86
Bicycles and tricycles	4	222,515	182,575	1,060	41,000	- 39,940	- 17.90
Boots and shoes	7	1,574,208	1,523,620	55,396	105,984	- 50,588	- 3.21
Boxes, barrels, kegs, etc...	30	3,069,789	3,364,259	381,225	106,755	+ 274,470	+ 8.88
Brick, tile and sewer pipe	26	390,296	441,645	70,844	9,485	+ 61,359	+ 16.13
Brooms and brushes	2	49,876	40,467	.....	9,409	- 9,409	- 18.86
Building material, wood..	39	1,893,729	2,450,988	560,737	3,478	+ 557,259	+ 29.43
Burial cases, coffins, etc...	4	322,223	327,105	5,882	1,000	+ 4,882	+ 1.51
Buttons, dress trimmings	4	52,187	91,639	9,452	.....	+ 9,452	+ 11.50
Carriages and wagons	20	1,584,193	1,776,717	296,626	73,102	+ 222,524	+ 14.31
Cigars and tobacco	19	655,241	752,376	109,797	12,662	+ 97,135	+ 14.82
Clothing	45	3,111,433	3,139,206	242,708	214,935	+ 27,768	+ 8.90
Confectionery	6	960,240	1,000,920	140,680	.....	+ 140,680	+ 16.35
Drugs and medicines	6	570,056	623,318	58,262	.....	+ 58,262	+ 10.22
Electric apparatus, etc...	4	4,769,137	3,740,321	28,255	1,067,071	- 1,029,816	- 21.57
Electric light, power, gas.	7	184,483	233,395	59,115	10,203	+ 48,912	+ 26.51
Fancy articles	6	187,006	237,754	52,000	1,252	+ 50,784	+ 27.14
Fertilizers	4	664,155	664,803	199,937	19,289	+ 180,648	+ 26.40
Food preparations	29	4,032,091	4,325,848	410,775	117,018	+ 293,757	+ 7.29

Table No. 8—Concluded.

INDUSTRY.	Number of establishments.	VALUE OF STOCK USED.		Increase 1901. over 1900.	Decrease 1901. from 1900.	Net Increase (+) or decrease (-).	Percentage in- crease (+) or decrease (-).
		1900.	1901.				
Furniture.....	53	\$2,766,310	\$2,982,916	\$278,454	\$56,848	+8216,006	+7.83
Furnishing goods.....	10	1,532,254	1,454,266	92,684	171,672	-78,988	-5.17
Glass.....	7	522,773	516,309	35,646	42,110	-6,464	-1.24
Hats, caps, gloves, mitt'ns	4	330,690	377,492	47,122	330	+46,802	+14.15
Hosiery and knit goods...	3	471,846	598,426	114,580	.....	+114,580	+24.28
Iron, steel, forg., cast., etc.	28	8,994,954	9,214,571	757,281	537,664	+219,617	+2.44
Iron, struct'l, ornamental.	9	855,051	875,852	144,192	123,391	+20,801	+2.43
Jewelry and watch cases.	7	339,935	352,003	43,068	.....	+43,068	+12.70
Leather, leather goods....	15	1,399,144	1,717,531	328,387	.....	+328,387	+23.64
Lithographing, engraving	3	216,552	226,064	10,511	1,299	+9,512	+4.38
Liquors, malt, distilled...	13	4,906,213	5,314,524	341,717	23,406	+318,311	+6.27
Machines and machinery.	50	2,691,904	2,135,815	609,766	165,555	+444,211	+16.50
Meats, packing, preserv'g.	10	51,966,182	67,698,350	15,522,168	.....	+15,522,168	+30.51
Metals and metallic goods	35	2,767,903	2,715,957	329,540	389,886	-51,346	-1.88
Milling, flour and feed....	6	2,422,459	2,706,674	321,315	38,100	+283,215	+11.68
Millinery and lace goods.	5	258,637	298,655	40,018	.....	+40,018	+15.47
Models, lasts and patterns	3	44,695	52,119	7,424	.....	+7,424	+16.56
Musical instruments.....	14	1,399,329	1,632,451	243,635	5,433	+243,152	+17.50
Oils, varnish, etc.....	4	1,068,433	1,262,670	194,137	.....	+194,137	+18.17
Paper boxes, tags, etc....	13	672,000	725,167	84,036	30,869	+53,167	+7.91
Paving, paving materials.	13	117,321	136,836	22,419	2,904	+19,515	+16.63
Photography, materials...	11	243,205	279,109	40,230	9,326	+30,904	+12.45
Pottery.....	8	99,000	116,074	18,532	1,458	+17,074	+17.25
Printing, pub., bookb'dg...	53	1,547,974	1,652,221	123,003	27,856	+105,147	+6.79
R. R. const. and equipm't	37	12,157,611	14,516,049	2,678,287	314,849	+2,358,438	+19.40
Roofing, roofing mat'ls..	7	308,921	371,218	63,797	1,500	+63,297	+20.16
Stone, cut and monument'l	9	234,496	181,271	7,899	51,114	-43,215	-19.25
Stone, quarried.....	2	10,803	22,158	11,355	.....	+11,355	+10.51
Stoves and castings.....	11	716,472	719,486	50,581	47,598	+3,013	+0.42
Surg'l instr., appliances.	3	65,066	69,914	9,298	4,450	+4,848	+7.21
Tin and copper smithing.	7	301,069	330,674	29,615	.....	+29,615	+9.84
Wire goods.....	4	224,000	427,500	203,500	.....	+203,500	+90.85
Wooden goods.....	5	125,843	130,833	5,040	.....	+5,040	+4.00
Woolen, cot. goods, dyeing	6	418,227	423,371	15,044	.....	+15,044	+3.60
All industries.....	767	\$121,095,948	\$152,071,744	\$32,267,294	\$4,281,498	\$31,985,796	+16.77

Of the 55 industries represented it will be seen that nine show a net increase in the value of stock used in 1901, compared with 1900, ranging from 1.24 per cent in glass to 26.99 per cent, in awnings, tents, etc. The 46 industries showing an increase in 1901 over 1900 range from .42 per cent in stoves and castings to 90.85 in wire goods. The largest investment in material in 1900 and 1901 is seen to be in the ten establishments handling meats, packing and preserving, being \$51,866,182 in 1900 and \$67,688,350 in 1901.

Table 9 gives the value of the stock used by the 21 selected industries:

TABLE NO. 9—*Comparison of Twenty-one Leading Industries, Showing the Value of Stock Used for the years 1900 and 1901, With Amounts and Percentages of Increase or Decrease in the year 1901; also "Thirty-four Industries" and "All Industries."*

INDUSTRY.	Number of establishments.	VALUE OF STOCK USED.		INCREASE (+) OR DECREASE (−) IN 1901.	
		1900.	1901.	Amount.	Percentages
Agricultural implements	29	\$ 2,995,525	\$ 3,087,906	+\$ 92,381	+3.08
Awnings, tents, etc.....	4	857,052	625,707	−231,345	−26.99
Boxes, barrels, kegs, etc.....	30	3,039,789	3,364,259	+274,470	+8.88
Brick, tile and sewer pipe	26	380,286	441,645	+61,359	+16.13
Building material—wood	39	1,893,729	2,450,988	+557,259	+29.43
Carriages and wagons.....	20	1,554,193	1,776,717	+222,524	+14.31
Clothing	45	3,111,438	3,139,206	+27,768	+8.90
Electric apparatus, etc.....	4	4,769,137	3,740,321	−1,028,816	−21.57
Electric light, power and gas.....	7	184,483	233,395	+48,912	+26.51
Food preparations.....	29	4,032,091	4,325,848	+293,757	+7.29
Furniture.....	52	2,766,310	2,982,916	+216,606	+7.83
Iron and steel forgings, cast'gs, etc	28	8,994,954	9,214,571	+219,617	+2.44
Iron—structural and ornamental..	9	855,051	875,952	+20,901	+2.43
Liquors—malt and distilled.....	12	4,996,213	5,314,524	+318,311	+6.37
Machines and machinery	50	2,691,604	3,125,815	+444,211	+16.50
Meats, packing and preserving....	10	51,866,182	67,688,350	+15,822,168	+30.51
Metals and metallic goods.....	35	2,767,303	2,715,957	−51,346	−1.86
Musical instruments.....	14	1,389,299	1,632,451	+243,152	+17.50
Print'g, publish'g and bookbind'g.	53	1,547,074	1,652,221	+105,147	+6.79
Railroad construct'n and equipm't	37	12,157,611	14,516,049	+2,358,439	+19.40
Stoves and castings.....	11	716,472	719,485	+3,013	+0.42
Twenty-one industries	545	\$112,615,796	\$123,634,183	+\$10,018,387	+17.63
Thirty-four industries.....	223	17,470,152	19,437,561	+1,967,409	+11.26
All industries.....	767	\$131,085,948	\$153,071,744	+\$21,985,796	+16.77

In this table it will be seen that three of the industries decreased in 1901 in value of stock used from that of 1900. The increase in 1901 in these industries is 17.62 per cent, in other industries 11.26 per cent, and in all industries 16.77 per cent

Table 10 shows the industries, by percentages, of the increase in value of stock used over that of all industries, and those under all industries, as well as those showing an absolute decrease:

TABLE No. 10—Percentages of Increase or Decrease in Value of stock or Material Used in 1901, also Decrease in Value of Stock—by industries.

INDUSTRY.	Number of establish- ments.	PERCENTAGE.		
		Over all industries (16.77)	Under all industries (16.77)	Decrease.
Agricultural implements.....	29	.....	3.08	.....
Awnings, tents, etc.....	4	.....	.....	26.99
Bakery products.....	5	.....	15.86	.....
Bicycles and tricycles.....	4	.....	.....	17.90
Boots and shoes.....	7	.....	.....	3.21
Boxes, Barrels, kegs, etc.....	30	.....	8.88	.....
Brick, tile and sewer pipe.....	26	.....	16.13	.....
Brooms and brushes.....	2	.....	.....	18.86
Building material, wood.....	39	29.43	.....	.....
Burial cases, coffins, etc.....	4	.....	1.51	.....
Buttons and dress trimmings.....	4	.....	11.50	.....
Carriages and wagons.....	20	.....	14.31	.....
Cigars and tobacco.....	19	.....	14.82	.....
Clothing.....	45	.....	8.90	.....
Confectionery.....	6	.....	16.35	.....
Drugs and medicines.....	6	.....	10.23	.....
Electric apparatus, etc.....	4	.....	.....	21.57
Electric light, power and gas.....	7	26.51	.....	.....
Fancy articles.....	6	27.14	.....	.....
Fertilizers.....	4	26.40	.....	.....
Food preparations.....	29	.....	7.29	.....
Furniture.....	52	.....	7.63	.....
Furnishing goods.....	10	.....	.....	5.17
Glass.....	7	.....	.....	1.24
Hats, caps, gloves and mittens.....	4	.....	14.15	.....
Hosiery and knit goods.....	3	24.38	.....	.....
Iron and steel forgings, castings, etc.....	28	.....	2.44	.....
Iron, structural and ornamental.....	9	.....	2.43	.....

Table No. 10—Concluded.

INDUSTRY.	Number of establishments.	PERCENTAGE.		
		Over all industries (16.77)	Under all industries (16.77)	Decrease.
Jewelry and watch cases	7		12.76	
Leather and leather goods	15	23.64		
Lithographing and engraving	3		4.28	
Liquors, malt and distilled	13		6.37	
Machines and machinery	50		16.50	
Meats, packing and preserving	10	30.51		
Metals and metallic goods	35			1.86
Milling, flour and feed	6		11.68	
Millinery and lace goods	5		15.47	
Models, lasts and patterns	3		16.56	
Musical instruments	14	17.50		
Oils, varnish, etc	4	18.17		
Paper boxes, tags, etc	13		7.91	
Paving and paving materials	13		16.63	
Photography and materials	11		12.45	
Pottery	8	17.25		
Printing, publishing and bookbinding	53		6.79	
Railroad construction and equipment	37	19.40		
Roofing and roofing materials	7	20.16		
Stone, cut and monumental	9			19.25
Stone, quarried	2		10.51	
Stoves and castings	11		0.42	
Surgical instruments and appliances	3		7.21	
Tin and copper smithing	7		9.84	
Wire goods	4	30.85		
Wooden goods	5		4.00	
Woolen and cotton goods, dyeing, etc	6		3.80	
All industries	767			

It must be understood that these are net percentages. Of the nine industries showing a decrease, only three of these are represented in the selected industries.

VALUE OF GOODS MADE OR WORK DONE.

The following table presents the third of a series of tables, and shows, by industries, the value of goods made or work done for the years 1900 and 1901:

TABLE NO. 11—*Showing the Value of Goods Made or Work Done in Each Industry for the years 1900 and 1901, with Increase and Decrease and Percentages.*

INDUSTRY.	Number of es- tablishments.	VALUE OF GOODS MADE OR WORK DONE.		Increase.	De- crease.	Net in- crease (+) or de- crease (—)	Percentages: In- crease (+) or de- crease (—)
		1900.	1901.				
Agricultural implements.	29	\$6,219,676	\$6,427,072	\$473,050	\$365,654	+\$207,396	+3.33
Awnings, tents, etc.....	4	1,089,741	838,907	11,000	261,834	—250,834	—23.03
Bakery products.....	5	1,200,101	1,333,305	143,204	10,000	+123,204	+13.85
Bicycles and triocycles....	4	577,149	403,860	.....	173,289	—173,289	—30.03
Boots and shoes.....	7	2,236,574	2,190,751	61,888	107,711	—45,823	—2.05
Boxes, barrels, kegs, etc...	30	5,234,165	5,656,727	496,897	124,335	+372,562	+7.05
Brick, tile and sewer pipe.	26	1,296,599	1,669,602	396,342	12,339	+373,003	+28.77
Brooms and brushes.....	2	103,421	123,511	25,090	.....	+25,090	+24.26
Building material, wood..	39	3,387,324	4,106,549	719,275	50	+719,225	+21.23
Burial cases, coffins, etc...	4	844,896	839,505	.....	5,391	—5,391	—0.64
Button, dress trimmings.	4	182,269	201,951	19,682	.....	+19,682	+10.80
Carriages and wagons....	20	2,633,290	3,099,637	558,523	91,976	+466,547	+17.73
Cigars and tobacco.....	19	1,733,527	2,111,255	389,916	12,188	+377,728	+21.79
Clothing.....	45	5,755,372	6,017,828	582,180	319,724	+262,456	+4.56
Confectionery.....	6	1,427,080	1,566,384	149,304	10,000	+139,304	+9.77
Drugs and medicines.....	6	999,522	1,183,246	183,724	.....	+183,724	+18.39
Electric apparatus, etc....	4	9,455,676	7,329,373	116,413	2,242,716	—2,126,303	—23.49
Electric light, power, gas.	7	606,542	856,522	301,723	51,743	+249,980	+41.23
Fancy articles.....	6	426,560	500,465	75,000	1,096	+73,905	+17.33
Fertilizers.....	4	954,729	1,155,153	214,430	14,006	+200,424	+21.00
Food preparations.....	29	5,114,574	5,491,385	569,075	192,264	+376,811	+7.37
Furniture.....	53	5,990,790	6,363,496	554,493	171,778	+382,715	+6.40
Furnishing goods.....	10	2,214,199	2,136,923	130,781	218,068	—87,277	—3.95
Glass.....	7	1,465,719	1,505,114	80,459	41,064	+39,395	+2.69
Hats, caps, gloves, mittens	4	409,641	464,027	54,386	500	+54,386	+13.28
Hosiery and knit goods...	3	918,000	943,000	47,000	17,000	+30,000	+3.27
Iron, steel, forg'ds, cast'gs	28	15,326,749	16,094,778	746,745	578,716	+168,029	+1.05
Iron struct'l, ornamental.	9	1,894,534	2,151,584	453,968	150,933	+302,035	+16.34
Jewelry and watch cases.	7	667,028	726,096	59,068	.....	+59,068	+8.86

Table No. 11—Concluded.

INDUSTRY.	Number of establishments.	VALUE OF GOODS MADE OR WORK DONE.		Increase.	Decrease.	Net increase (+) or decrease (—)	Percentages: Increase (+) or decrease (—).
		1900.	1901.				
Leather and leather goods	15	\$2,080,958	\$2,507,440	\$426,482	.....	+\$426,482	+20.50
Lithographing, engrav'g.	3	477,723	508,596	31,861	988	+\$0,873	+6.47
Liquors, malt, distilled...	13	7,109,637	7,565,643	456,796	39,790	+\$56,006	+6.43
Machines and machinery.	50	5,764,098	6,418,231	928,426	271,293	+\$67,133	+11.41
Meats, packing preserv'g.	10	56,859,965	74,908,769	18,048,804	2,500	+\$18,043,304	+31.74
Metals and metallic goods	35	5,631,501	5,399,560	731,718	963,659	—231,941	—4.13
Milling, flour and feed....	6	2,711,650	3,047,718	336,068	57,000	+\$36,068	+13.40
Millinery and lace goods.	5	421,584	489,909	68,725	.....	+\$66,725	+15.83
Models, lasts, patterns ...	3	171,321	197,398	25,367	.....	+\$25,367	+14.76
Musical instruments.....	14	3,062,013	3,611,320	578,457	24,150	+\$549,307	+17.94
Oils, varnish, etc.....	4	1,453,385	1,799,087	315,702	.....	+\$15,702	+21.39
Paper boxes, tags, etc	13	1,217,336	1,353,658	103,391	27,119	+\$76,272	+5.98
Paving, paving materials.	13	532,968	554,715	44,911	23,164	+\$21,747	+4.09
Photography and mater'ls	11	953,963	1,156,202	212,300	11,051	+\$202,249	+21.21
Pottery	8	368,741	418,353	54,510	4,896	+\$49,612	+13.46
Printing, pub., bookbind'g	53	4,690,078	5,004,901	385,891	71,068	+\$14,823	+6.72
R. R. const'n., equipment.	37	19,563,524	22,681,089	3,455,743	338,223	+\$3,117,515	+15.94
Roofing, roofing materials	7	572,359	666,770	96,411	2,000	+\$94,411	+16.50
Stone, cut and monument'l	9	572,885	558,725	49,593	63,753	—14,160	—2.47
Stone, quarried.....	2	28,461	59,067	30,606	.....	+\$30,606	+107.54
Stoves and castings	11	1,918,519	2,108,844	200,325	10,000	+\$190,325	+9.98
Surg'l instr., appliances.	3	149,330	152,509	19,635	16,456	+\$3,179	+2.13
Tin and copper smithing.	7	579,019	665,389	86,370	.....	+\$86,370	+14.92
Wire goods.....	4	437,112	691,140	259,047	5,019	+\$254,028	+58.12
Wooden goods	5	259,641	270,283	11,800	1,158	+\$10,642	+4.10
Woolen, cot. goods, dyeing	6	953,443	953,104	9,625	9,964	—339	—0.04
All industries	767	\$199,589,291	\$227,229,864	\$34,659,200	\$7,018,627	+\$27,640,573	+13.85

The final line of the table gives the aggregate amount of the production of the 767 establishments. In 1900 it was \$199,589,291; in 1901, \$227,229,864, an increase of \$27,640,573, or 13.85 per cent. Only nine of the 55 industries show a decrease, the percentages ranging from .04 in woolen and cotton goods, etc., to 30.03 in bicycles and tricycles.

Table 12 presents the value of goods made or work done by the 21 selected industries, other industries, and all industries:

TABLE NO. 12—*Showing Value of Goods Made or Work Done in Twenty-one Leading Industries in "Thirty-four Industries" and in "All Industries" in 1900 and 1901, with Percentages.*

INDUSTRY.	Number of establishments.	VALUE OF GOODS MADE OR WORK DONE.		INCREASE (+) DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Percentages.
Agricultural implements	29	\$6,319,676	\$6,427,072	+\$207,396	+3.33
Awnings, tents, etc	4	1,069,741	828,907	—260,834	—23.63
Boxes, barrels, kegs, etc.....	30	5,284,165	5,656,727	+372,562	+7.05
Brick, tile and sewer pipe	26	1,296,589	1,669,603	+373,003	+29.77
Building material, wood	29	2,267,324	4,106,549	+719,225	+21.23
Carriages and wagons	20	2,622,290	2,099,837	—466,547	—17.72
Clothing	45	5,755,372	6,017,828	+262,456	+4.56
Electrical apparatus, etc.....	4	9,455,676	7,329,373	—2,126,303	—22.49
Electric light, power and gas.....	7	606,542	856,622	+249,980	+41.22
Food preparations.....	29	5,114,574	5,491,235	+376,811	+7.37
Furniture	52	5,980,780	6,362,496	+382,715	+6.40
Iron and steel, forgings, castings, etc.	26	15,926,749	16,094,778	+168,029	+1.05
Iron, structural and ornamental	9	1,849,534	2,151,584	+302,050	+16.34
Liquors, malt and distilled.....	13	7,109,637	7,565,642	+456,006	+6.42
Machines and machinery.....	50	5,761,096	6,413,231	+657,133	+11.41
Meats, packing and preserving	10	56,889,965	74,903,769	+18,043,804	+31.74
Metals and metallic goods.....	25	5,631,601	5,399,560	—231,941	—4.12
Musical instruments	14	3,062,013	3,611,220	+549,207	+17.94
Printing, publishing and book binding	53	4,690,078	5,004,901	+314,823	+6.72
Railroad construction and equipment	37	19,563,524	22,681,039	+3,117,515	+15.94
Stoves and castings.....	11	1,918,519	2,108,844	+190,325	+9.93
Twenty-one industries.....	545	\$169,196,257	\$192,796,966	+\$24,600,709	+14.54
Thirty-four industries.....	222	30,292,934	32,422,696	+2,089,964	+10.00
All industries.....	767	\$199,689,291	\$227,229,664	+\$27,640,573	+13.85

The first of the final lines of this table shows the aggregate products of the selected industries. These 21 industries represent 545 or 71 per cent of all the establishments. All but three show percentages of increase, from 1.05 in iron and steel castings, etc., to 41.22

in electric light, power, and gas. The net percentages of increase for all industries is seen to be 13.85, for the selected industries 14.54, and 10 per cent for other industries.

Table 13 shows the industries whose percentages of increase in the value of goods made in 1901 are over and under that for all industries, also the industries that decreased:

TABLE No. 13.—*Percentages of Increase or Decrease in Value of Goods Made or Work Done in 1901, also Decrease in Value of Goods Made, by Industries.*

INDUSTRY.	Number of establishments	PERCENTAGES.		
		Over all industries (13.85)	Under all industries (13.85)	Decrease.
Agricultural implements.....	29	.....	3.33	.....
Awnings, tents, etc.....	4	.....	.....	23.02
Bakery products.....	5	18.85	.....	.....
Bicycles and tricycles.....	4	.....	.....	30.03
Boots and shoes.....	7	.....	.....	2.05
Boxes, barrels, kegs, etc.....	30	.....	7.05	.....
Brick, tile and sewer pipe.....	28	28.77	.....	.....
Brooms and brushes.....	2	24.26	.....	.....
Building material, wood.....	39	21.23	.....	.....
Burial cases, coffins, etc.....	4	.....	.....	0.64
Button and dress trimmings.....	4	.....	10.80	.....
Carriages and wagons.....	20	17.72	.....	.....
Cigars and tobacco.....	19	21.79	.....	.....
Clothing.....	45	.....	4.56	.....
Confectionery.....	6	.....	9.77	.....
Drugs and medicines.....	6	18.39	.....	.....
Electric apparatus, etc.....	4	.....	.....	22.49
Electric light, power and gas.....	7	41.22	.....	.....
Fancy articles.....	6	17.33	.....	.....
Fertilisers.....	4	21.00	.....	.....
Food preparations.....	29	.....	7.37	.....
Furniture.....	52	.....	6.40	.....
Furnishing goods.....	10	.....	.....	3.95
Glass.....	7	.....	3.69	.....
Hats, caps, gloves and mittens.....	4	.....	13.28	.....
Hosiery and knit goods.....	3	.....	3.27	.....
Iron and steel forgings, castings, etc.....	28	.....	1.05	.....
Iron, structural and ornamental.....	9	16.34	.....	.....

Table No. 13—Concluded.

INDUSTRY.	Number of establish- ments.	PERCENTAGES.		
		Over all industries (13.86)	Under all industries (13.86)	Decrease.
Jewelry and watch cases	7	.....	8.98	.....
Leather and leather goods.....	15	20.50	.....	.....
Lithographing and engraving.....	3	.....	6.47	.....
Liquors, malt and distilled.....	13	.....	6.42	.....
Machines and machinery.....	50	.....	11.41	.....
Meats, packing and preserving.....	10	31.74	.....	.....
Metals and metallic goods.....	35	.....	.....	4.12
Milling, flour and feed.....	6	.....	12.40	.....
Millinery and lace goods.....	5	15.83	.....	.....
Models, lasts and patterns	3	14.76	.....	.....
Musical instruments.....	14	17.94	.....	.....
Oils, varnish, etc.....	4	21.29	.....	.....
Paper boxes, tags, etc.....	13	.....	5.98	.....
Paving and paving materials	13	.....	4.09	.....
Photography and materials	11	21.21	.....	.....
Pottery.....	8	.....	13.46	.....
Printing, publishing and bookbinding.....	53	.....	6.72	.....
Railroad construction and equipment.....	37	15.94	.....	.....
Roofing and roofing materials.....	7	16.50	.....	.....
Stone, cut and monumental.....	9	.....	.....	2.47
Stone, quarried	2	107.54	.....	.....
Stoves and castings	11	.....	9.93	.....
Surgical instruments and appliances.....	3	.....	2.13	.....
Tin and copper smithing.....	7	14.92	.....	.....
Wire goods.....	4	58.12	.....	.....
Wooden goods.....	5	.....	4.10	.....
Woolen and cotton goods, dyeing, etc.....	6	.....	.....	.04
All industries	767	.....	.....	.....

Of the 55 industries represented, 46 show increase, the percentages of increase being 1.05 (the lowest) in iron and steel, forgings, castings, etc., to 107.54 (the highest) in stone, quarried. The net increase of these industries is 17.37 per cent. The nine industries showing decrease, combined, make a decrease of 12.45 per cent.

In order to bring the comparisons of the two years as to the value of stock and material used, and the value of goods made and work done, into more prominence, the following table of percentages is presented for the 21 leading industries:

TABLE No. 14.

INDUSTRIES.	PERCENTAGES OF INCREASE (+) OR DECREASE (-) IN 1901 IN THE VALUE OF—	
	Stock used.	Goods made.
Agricultural implements.....	+3.08	+3.33
Awnings, tents, etc	-26.99	-23.02
Boxes, barrels, kegs, etc.....	+8.88	+7.05
Brick, tile and sewer pipe	+16.13	+28.77
Building material, wood	+29.43	+21.23
Carriages and wagons	+14.31	+17.72
Clothing	+8.90	+4.56
Electric apparatus, etc.....	-21.57	-22.49
Electric light, power and gas.....	+26.51	+41.22
Food preparations.....	+7.29	+7.37
Furniture	+7.83	+6.40
Iron and steel, forging, castings, etc	+2.44	+1.06
Iron, structural and ornamental	+2.43	+16.34
Liquors, malt and distilled.....	+6.37	+6.42
Machines and machinery.....	+16.50	+11.41
Meats, packing and preserving	+20.51	+31.74
Metals and metallic goods	-1.86	-4.12
Musical instruments	+17.50	+17.94
Printing, publishing and book binding.....	+6.79	+6.72
Railroad construction and equipment.....	+19.40	+15.94
Stoves and castings.....	+0.42	+9.93
	+17.62	+14.54

It will be seen that the increase in the value of stock and material used is followed by an increase of the value of goods made. In some of these industries the increase in the value of goods made over the

value of the stock used is very marked. In this connection it may be of some interest to make a division as to the result of private firms and corporations. The following table presents the comparison:

CLASSIFICATION.	VALUE OF GOODS MADE.		INCREASE 1901.	
	1900.	1901.	Amounts.	Percentages.
Private firms.....	\$23,573,637	\$24,660,861	\$1,087,224	+4.61
Corporations	176,015,654	202,569,003	26,553,349	+15.09
All Industries.	199,589,291	227,229,864	27,640,573	+13.85

These tables represent 767 establishments, of which 253, in 1900, were managed by private firms, and produced goods valued at \$23,573,637. The same year corporations operated 514 establishments and produced goods to the value of \$176,015,654. In 1901 the number of private firms was 243; the value of goods produced being \$24,660,861, an increase of 4.61 per cent. The same year 524 corporations returned a product valued at \$202,569,003, showing an increase of \$26,553,349, or 15.09 per cent, over 1900. For 1901 the total product shows a value of \$227,229,864, of which private firms furnished 10.85 per cent and corporations 89.15 per cent.

AVERAGE NUMBER OF PERSONS EMPLOYED—BY SEX AND INDUSTRIES.

The following table gives the average number of persons employed in the 767 establishments, both male and females, by industries:

TABLE No. 16—*Average Number of Persons Employed by Industries during the years 1900 and 1901.*

INDUSTRY.	No. of establishments.	YEAR 1900.			YEAR 1901.		
		Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Agricultural implements.....	29	2,844	3	2,847	2,949	3	2,952
Awnings, tents, etc.....	4	223	152	385	172	137	309
Bakery products	5	187	84	271	201	99	300
Bicycles and tricycles.....	4	267	32	299	234	35	269
Boots and shoes.....	7	673	373	1,046	660	385	1,045
Boxes, barrels, kegs, etc.....	30	3,273	23	3,296	3,490	25	3,515
Brick, tile and sewer pipe....	26	1,181	.....	1,181	1,331	.....	1,331
Brooms and brushes.....	2	24	42	66	37	47	84
Building material, wood.....	39	1,910	.....	1,910	2,222	.....	2,222

Table No. 16—Continued.

INDUSTRY.	No. of establishments.	YEAR 1900.			YEAR 1901.		
		Males.	Females	Both sexes.	Males.	Females	Both sexes.
Burial cases, coffins, etc.....	4	286	69	355	299	90	389
Buttons and dress trimmings	4	108	98	206	126	91	217
Carriages and wagons.....	20	1,172	29	1,211	1,349	49	1,398
Cigars and tobacco.....	19	428	287	725	609	359	968
Clothing	45	961	1,821	2,782	1,018	1,920	2,938
Confectionery	6	182	274	456	187	321	508
Drugs and medicines.....	6	129	116	255	146	127	273
Electric apparatus, etc	4	2,480	903	3,383	2,198	781	2,978
Electric light, power and gas	7	236	4	240	262	4	266
Fancy articles.....	6	122	181	253	128	149	277
Fertilizers	4	118	18	136	123	14	137
Food preparations	29	1,045	490	1,535	924	474	1,398
Furniture.....	52	2,510	123	2,643	2,719	122	2,841
Furnishing goods.....	10	112	896	1,007	185	915	1,100
Glass.....	7	1,081	23	1,114	1,087	25	1,122
Hats,caps,gloves and mittens	4	100	171	271	112	195	306
Hosiery and knlt goods.....	2	200	421	621	241	474	715
Iron and steel, forg., cast., etc	28	6,066	63	6,129	6,517	60	6,577
Iron, struct'l and ornamental	9	786	.....	786	881	.....	881
Jewelry and watch cases.....	7	272	46	318	293	60	353
Leather and leather goods...	15	803	48	851	849	52	901
Lithographing and engrav'g.	3	225	27	255	281	37	288
Liquors, malt and distilled...	12	573	7	585	608	7	615
Machines and machinery.....	50	2,458	50	2,508	2,738	77	2,815
Meats, packing and preserv'g	10	6,517	896	7,512	6,987	1,104	8,041
Metals and metallic goods....	25	2,528	258	2,786	2,804	253	2,957
Milling, flour and feed.....	6	176	2	178	178	2	180
Millinery and lace goods	5	83	269	352	91	298	389
Models, lasts and patterns ...	2	121	.....	121	144	.....	144
Musical instruments.....	14	1,757	43	1,800	2,032	9	2,041
Oils, varnish, etc.....	4	109	9	118	123	4	127
Paper boxes, tags, etc.....	12	453	450	903	466	473	939
Paving and paving materials	12	426	1	427	427	1	428
Photography and materials..	11	426	88	519	486	95	581
Pottery	8	408	1	409	470	1	471
Printing, publish., binding...	52	2,401	867	2,258	2,542	859	2,402
Railroad construc. and equip.	27	12,192	8	12,200	12,214	11	12,225

Table No. 16—Concluded.

INDUSTRY.	No. of es- tablish- ments.	YEAR 1900.			YEAR 1901.		
		Males.	Females	Both sexes.	Males.	Females	Both sexes.
Roofing and roofing materials	7	266	2	268	288	2	290
Stone, cut and monumental..	9	287	.....	287	346	.....	346
Stone, quarried.....	2	38	.....	38	56	.....	56
Stoves and castings	11	1,081	13	1,094	1,095	10	1,105
Surgical instrum., appliances	3	153	16	169	171	17	188
Tin and copper smithing.....	7	233	20	303	301	22	323
Wire goods	4	193	19	212	247	15	262
Wooden goods.....	5	162	5	167	174	5	179
Woolen, cotton goods, dyeing	6	377	433	810	402	434	836
All industries	767	65,730	10,238	75,968	70,122	10,759	80,881

In this table it will be seen that the total number of males employed in all industries in 1900 was 65,730; in 1901 the number increased to 70,122, a gain of 6.68 per cent. The total number of females in 1900 was 10,238; in 1901 the number was 10,759, the increase being 5.09 per cent.

The next table shows the average number of persons, both sexes, employed in the two years. The average number of persons employed in each industry for each year is found by adding the number reported as employed during each month and dividing the sum by the twelve months:

TABLE NO. 17—*Aggregate Average Number of Persons Employed (both sexes) for the years 1900 and 1901, with Number and Percentages of Increase or Decrease in 1901 over 1900.*

INDUSTRY.	Number of es- tablish- ments.	AGGREGATE AVERAGE NUMBER OF PERSONS EMPLOYED.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Percentages
Agricultural implements	20	2,847	2,962	+105	+3.69
Awnings, tents, etc.....	4	285	309	—76	—19.74
Bakery products.....	5	271	300	+29	+10.70
Bicycles and tricycles.....	4	299	269	—30	—10.03
Boots and shoes	7	1,046	1,045	—1	—0.10
Boxes, barrels, kegs, etc.....	30	3,296	3,515	+219	+6.64

Table No. 17—Continued.

INDUSTRY.	Number of establish- ments	AGGREGATE AVERAGE NUMBER OF PERSONS EMPLOYED.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Percentages
Brick, tile and sewer pipe	26	1,181	1,331	+150	+12.70
Brooms and brushes.....	2	66	84	+18	+27.27
Building material—wood	39	1,910	2,222	+312	+16.34
Burial cases, coffins, etc.....	4	365	389	+24	+9.58
Button and dress trimmings	4	206	217	+11	+5.34
Carriages and wagons.....	20	1,211	1,396	+185	+15.44
Cigars and tobacco.....	19	725	868	+143	+19.72
Clothing	45	2,782	2,938	+156	+5.61
Confectionery	6	466	506	+40	+11.40
Drugs and medicines	6	265	278	+13	+7.06
Electric apparatus, etc.....	4	3,383	2,979	-404	-11.94
Electric light, power and gas.....	7	340	366	+26	+7.65
Fancy articles	6	263	277	+14	+9.49
Fertilizers.....	4	136	137	+1	+0.72
Food preparations.....	29	1,535	1,396	-137	-8.93
Furniture.....	52	3,643	3,841	+198	+5.44
Furnishing goods	10	1,007	1,100	+93	+9.23
Glass.....	7	1,114	1,122	+8	+0.72
Hats, caps, gloves and mittens....	4	271	308	+37	+13.65
Hosiery and knit goods.....	3	621	715	+94	+15.14
Iron and steel forgings, cast'gs, etc	28	6,129	6,577	+448	+7.31
Iron—structural and ornamental..	9	786	881	+95	+12.09
Jewelry and watch cases.....	7	318	353	+35	+11.01
Leather and leather goods.....	15	861	901	+40	+5.88
Lithographing and engraving.....	3	255	268	+13	+5.10
Liquors—malt and distilled.....	13	585	615	+30	+5.12
Machines and machinery.....	50	3,508	3,815	+307	+8.75
Meats, packing and preserving....	10	7,513	8,041	+528	+7.03
Metals and metallic goods.....	35	2,786	3,067	+281	+9.73
Milling, flour and feed.....	6	178	180	+2	+1.12
Millinery and lace goods.....	5	352	389	+37	+10.51
Models, lasts and patterns.....	3	131	144	+13	+9.92
Musical instruments	14	1,800	2,041	+241	+13.39
Oils, varnishes, etc.....	4	118	127	+9	+7.63
Paper boxes, tags, etc.....	13	903	939	+36	+3.99

Table No. 17—Concluded.

INDUSTRY.	Number of establish- ments.	AGGREGATE AVERAGE NUMBER OF PERSONS EMPLOYED.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Percentages
Paving and paving materials.....	13	427	428	+1	+0.23
Photography and materials.....	11	519	581	+62	+11.94
Pottery.....	8	409	471	+62	+15.16
Print'g. publish'g and bookbind'g.	53	3,258	3,403	+144	+4.42
Railroad construct'n and equipm't	37	12,200	13,225	+1,025	+8.40
Roofing and roofing materials.....	7	268	290	+22	+8.21
Stone—cut and monumental.....	9	287	348	+59	+20.56
Stone—quarried.....	2	28	56	+18	+67.37
Stoves and castings.....	11	1,094	1,105	+11	+1.01
Surgical instrum's and appliances	3	169	188	+19	+11.25
Tin and copper smithing.....	7	303	323	+20	+6.60
Wire goods.....	4	212	262	+50	+23.59
Wooden goods.....	5	167	179	+12	+7.19
Wool'n and cotton goods, dye'g. etc	6	810	836	+26	+3.21
All industries.....	767	75,968	80,881	+4,913	+6.47

From the final line in this table it is seen that the total number employed in 1900 was 75,968; in 1901 it was 80,881, an increase of 4,913 or 6.47 per cent. The largest gains in numbers are seen in railroad construction and equipment, 1,025; meats, packing and preserving, 528; iron and steel, forgings, castings, etc., 448. The largest

gain in percentage is 47.37, in stone, quarried, while only five industries show a decrease. For the 21 selected industries the following table is presented:

TABLE NO. 18—*Aggregate Average Number of Persons (both sexes) employed during the years 1900 and 1901 in Twenty-one Leading Industries, in "Thirty-four Industries," and in "All Industries."*

INDUSTRY.	Number of establishments	AGGREGATE AVERAGE NUMBER OF PERSONS EMPLOYED—BOTH SEXES.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Per-centages.
Agricultural implements	29	2,847	2,952	+105	+3.69
Awnings, tents, etc.....	4	385	309	—76	—19.74
Boxes, barrels, kegs, etc.....	30	2,296	2,515	+219	+6.64
Brick, tile and sewer pipe.....	26	1,181	1,331	+150	+12.70
Building material, wood	29	1,910	2,222	+312	+16.34
Carriages and wagons.....	20	1,311	1,396	+85	+6.48
Clothing	45	2,782	2,938	+155	+5.61
Electric apparatus, etc.....	4	2,333	2,979	+646	+27.73
Electric light, power and gas.....	7	340	366	+26	+7.65
Food preparations.....	29	1,535	1,396	—139	—9.05
Furniture	52	2,642	2,841	+199	+7.53
Iron and steel forgings, castings, etc...	28	6,129	6,577	+448	+7.31
Iron, structural and ornamental	9	786	881	+95	+12.09
Liquors, malt and distilled	13	585	615	+30	+5.13
Machines and machinery.....	50	2,508	2,815	+307	+12.24
Meats, packing and preserving.....	10	7,512	8,011	+499	+6.64
Metals and metallic goods	25	2,786	2,957	+171	+6.13
Musical instruments.....	14	1,800	2,041	+241	+13.39
Printing, publishing and bookbinding..	53	2,258	2,402	+144	+6.38
Railroad construction and equipment..	37	12,200	13,225	+1,025	+8.40
Stoves and castings.....	11	1,094	1,105	+11	+1.01
Twenty-one industries.....	545	62,172	66,008	+3,836	+6.17
Thirty-four industries.....	222	12,786	14,872	+2,086	+16.32
All industries.....	767	75,968	80,881	+4,913	+6.47

Here it is seen that, with the exception of three, all the leading industries show increases in the number employed, ranging from 1.01 per cent in stoves and castings to 16.34 per cent in building material. In order to bring out the matter of the number of persons employed more clearly the following table of percentages is presented:

TABLE No. 19—*Percentages of Persons Employed by Sex for the Years 1900 and 1901, by Industries.*

INDUSTRY.	Number of establish- ments.	YEAR 1900.		YEAR 1901.	
		Males.	Females.	Males.	Females.
Agricultural implements.....	29	99.89	.11	99.90	.10
Awning, tents, etc.....	4	60.52	39.48	55.66	44.34
Bakery products.....	5	69.00	31.00	67.00	33.00
Bicycles and tricycles.....	4	89.30	10.70	86.99	13.01
Boots and shoes.....	7	64.34	35.66	63.16	36.84
Boxes, barrels, kegs, etc.....	30	99.30	.70	99.29	.71
Brick, tile and sewer pipe.....	26	100.00	.....	100.00	.....
Brooms and brushes.....	2	36.36	63.64	44.05	55.95
Building material, wood.....	39	100.00	.....	100.00	.....
Burial cases, coffins, etc.....	4	80.56	19.44	76.86	23.14
Button and dress trimmings.....	4	52.43	47.57	59.06	41.94
Carriages and wagons.....	20	96.78	3.22	96.49	3.51
Cigars and tobacco.....	19	60.41	39.59	58.64	41.36
Clothing.....	45	34.54	65.46	34.65	65.35
Confectionery.....	6	39.91	60.09	36.81	63.19
Drugs and medicines.....	6	54.51	55.49	53.48	46.52
Electric apparatus, etc.....	4	73.31	26.69	73.78	26.22
Electric light, power and gas.....	7	98.82	1.18	98.91	1.09
Fancy articles.....	6	48.22	51.78	46.21	53.79
Fertilisers.....	4	86.76	13.24	89.78	10.22
Food preparations.....	29	68.08	31.92	66.09	33.91
Furniture.....	53	96.35	3.65	96.82	3.18
Furnishing goods.....	10	11.12	88.88	16.82	83.18
Glass.....	7	97.04	2.96	96.88	3.12
Hats, caps, gloves and mittens.....	4	36.90	63.10	36.69	63.31
Hosiery and knit goods.....	3	33.21	67.79	33.71	66.29
Iron and steel, forg'gs, cast'gs, etc	28	98.97	1.03	99.09	.91
Iron structural and ornamental...	9	100.00	.....	100.00	.....
Jewelry and watch cases.....	7	85.53	14.47	83.00	17.00
Leather and leather goods.....	15	94.36	5.64	84.23	15.77

Table No. 19—Concluded.

INDUSTRY.	Number of establishments.	YEAR 1900.		YEAR 1901.	
		Males.	Females.	Males.	Females.
Lithographing and engraving.....	3	89.41	10.59	86.19	13.81
Liquors, malt and distilled.....	13	98.80	1.20	98.86	1.14
Machines and machinery.....	50	98.57	1.43	97.98	2.02
Meats, packing and preserving....	10	88.07	11.93	86.37	13.73
Metals and metallic goods.....	35	90.74	9.26	91.72	8.28
Milling, flour and feed.....	6	98.88	1.12	98.89	1.11
Millinery and lace goods.....	5	23.58	76.42	23.39	76.61
Models, lasts and patterns.....	3	100.00	.....	100.00	.....
Musical instruments.....	14	97.61	2.39	99.56	.44
Oils, varnish, etc.....	4	92.37	7.63	96.85	3.15
Paper boxes, tags, etc.....	13	50.17	49.83	49.63	50.37
Paving and paving materials.....	13	99.77	.23	99.77	.23
Photography and materials.....	11	84.01	15.99	83.65	16.35
Pottery.....	8	99.76	.24	99.79	.21
Print'g, publish'g and bookbind'g	53	73.70	26.30	74.75	25.25
Railr'd construct'n and equipment	37	99.93	.07	99.92	.08
Roofing and roofing materials.....	7	99.25	.75	99.31	.69
Stone, cut and monumental.....	9	100.00	.....	100.00	.....
Stone, quarried.....	2	100.00	.....	100.00	.....
Stoves and castings.....	11	96.81	1.19	99.10	.90
Surgic'l instrum'ts and appliances	3	90.53	9.47	90.96	9.04
Tin and copper smithing.....	7	93.40	6.60	93.19	6.81
Wire goods.....	4	91.04	8.96	94.28	5.72
Wooden goods.....	5	97.01	2.99	97.21	2.79
Wool'n and cotton goods, dye'g, etc	6	46.54	53.46	48.09	51.91
All industries.....	767	96.53	13.48	96.70	13.30

The final line of this table shows the percentages of both males and females employed in all the industries for the two years. The proportion of both sexes is almost identical for each year. In ten of the industries of each year the per cent of females exceeds that of males. The next table presents the percentage of employment for the leading industries.

TABLE NO. 20—*Percentages of Average Number of Persons Employed by Sex for the years 1900 and 1901—Twenty-one Leading Industries.*

INDUSTRY.	Number of establishments.	FOR THE YEAR 1900.		FOR THE YEAR 1901.	
		Males.	Females.	Males.	Females.
Agricultural implements	29	99.89	.11	99.90	.10
Awnings, tents, etc	4	60.52	39.48	56.66	44.34
Boxes, barrels, kegs, etc.....	30	99.30	.70	99.29	.71
Brick, tile and sewer pipe.....	28	100.00	.....	100.00	.....
Building material, wood.....	39	100.00	.....	100.00	.....
Carriages and wagons	20	96.78	3.22	96.49	3.51
Clothing	45	34.54	65.46	24.65	65.35
Electrical apparatus, etc	4	73.81	26.69	73.78	26.22
Electric light, power and gas	7	98.82	1.18	98.91	1.09
Food preparations	29	68.06	31.92	66.09	33.91
Furniture	52	96.85	3.65	96.82	3.18
Iron and steel, forgings, castings, etc....	28	98.97	1.03	99.09	.91
Iron, structural and ornamental.....	9	100.00	.....	100.00	.....
Liquors, malt and distilled.....	13	98.80	1.20	98.86	1.14
Machines and machinery.....	50	96.67	1.43	97.98	2.02
Meats, packing and preserving	10	88.07	11.93	86.27	13.73
Metals and metallic goods.....	35	90.74	9.26	91.72	8.28
Musical instruments.....	14	97.61	2.39	99.56	.44
Printing, publishing and bookbinding ...	53	73.70	26.30	74.75	25.25
Railroad construction and equipment....	37	99.93	.07	99.92	.08
Stoves and castings.....	11	98.81	1.19	99.10	.90
Twenty-one industries.....	545	90.73	9.27	91.05	8.95
Thirty-four industries.....	222	67.56	32.44	67.36	32.64
All industries	767	86.52	13.48	86.70	13.30

This table shows for 1900 that in the selected industries 90.73 per cent were males and 9.27 per cent females; in 1901 the percentages were 91.05 males and 8.95 females.

The following table shows the number of persons, both male and females, employed by months for each of the years 1900 and 1901:

TABLE NO. 21—*Aggregate Number of Persons Employed by Industries and by Months.*

Agricultural Implements. [29 Establishments]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	3,276	3	3,279	3,196	3	3,199
February	3,440	3	3,443	3,226	3	3,229
March	3,490	3	3,493	3,247	3	3,250
April	3,341	3	3,344	3,174	3	3,177
May	3,096	3	3,099	2,994	3	2,997
June	2,630	3	2,633	2,858	3	2,861
July	2,356	3	2,359	2,505	3	2,508
August	2,420	3	2,423	2,575	3	2,578
September	2,129	3	2,132	2,567	3	2,569
October	2,268	3	2,271	2,673	3	2,676
November	2,744	3	2,747	3,081	3	3,084
December	2,943	3	2,946	3,300	3	3,303
Averages	2,844	3	2,847	2,949	3	2,952

Awnings, Tents, Etc. [4 Establishments.]

January	309	157	466	235	146	381
February	275	145	423	223	127	350
March	225	187	412	162	176	338
April	239	189	427	156	171	327
May	284	199	483	153	171	324
June	351	196	547	152	160	312
July	271	177	448	153	145	298
August	128	113	241	113	120	233
September	143	62	205	104	65	169
October	191	110	301	133	106	239
November	211	136	347	231	136	367
December	169	125	294	236	110	346
Averages	233	152	385	172	137	309

Bakery Products. [5 Establishments.]

January	178	69	247	190	75	265
February	178	73	251	190	73	263
March	179	73	252	192	75	267
April	179	86	265	193	90	283
May	182	91	273	196	93	289
June	184	96	280	196	125	321
July	185	94	279	200	117	317
August	189	93	282	209	118	327
September	194	78	272	209	98	307
October	197	86	283	212	102	314
November	203	89	292	212	102	314
December	202	89	291	211	112	323
Averages	187	84	271	201	99	300

Table No. 21—Continued.

Bicycles and Tricycles. [4 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	338	43	381	244	84	278
February	263	37	400	283	33	316
March	303	33	336	281	27	308
April	288	10	293	264	30	294
May	213	10	223	252	35	287
June	300	13	313	234	30	264
July	128	14	142	211	37	248
August	254	45	299	213	28	241
September	248	45	293	310	40	350
October	257	44	301	196	44	240
November	274	44	318	205	43	248
December	336	43	379	319	35	354
Averages	267	32	299	234	35	269

Boots and Shoes. [7 Establishments.]

January	729	403	1,132	614	355	969
February	716	408	1,124	665	376	1,041
March	708	397	1,105	663	379	1,042
April	690	297	977	663	376	1,039
May	706	400	1,106	652	369	1,022
June	680	391	1,071	665	380	925
July	675	377	1,052	691	394	1,075
August	690	394	1,084	689	408	1,097
September	689	391	1,083	704	431	1,135
October	678	394	1,072	720	416	1,136
November	651	367	1,018	622	358	980
December	470	260	730	677	403	1,080
Averages	673	373	1,046	660	385	1,045

Boxes, Barrels, Kegs, Etc. [30 Establishments.]

January	3,264	21	3,285	3,397	22	3,419
February	3,115	24	3,139	3,162	13	3,175
March	3,207	24	3,231	3,268	18	3,276
April	3,114	24	3,138	3,292	26	3,318
May	3,130	26	3,156	3,366	26	3,392
June	3,300	29	3,329	3,393	27	3,420
July	3,146	21	3,167	3,497	24	3,521
August	3,362	18	3,381	3,714	27	3,741
September	3,396	19	3,415	3,709	28	3,737
October	3,417	21	3,438	3,734	29	3,763
November	3,513	23	3,536	3,789	35	3,824
December	3,403	28	3,431	3,563	30	3,593
Averages	3,273	23	3,296	3,490	25	3,515

Table No. 21—Continued.

Brick, Tile and Sewer Pipe. [26 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	755	.....	.....	821	.....	.....
February	545	.....	.....	789	.....	.....
March	848	.....	.....	987	.....	.....
April	1,231	.....	.....	1,378	.....	.....
May	1,400	.....	.....	1,538	.....	.....
June	1,491	.....	.....	1,646	.....	.....
July	1,524	.....	.....	1,666	.....	.....
August	1,521	.....	.....	1,690	.....	.....
September	1,440	.....	.....	1,609	.....	.....
October	1,345	.....	.....	1,515	.....	.....
November	1,095	.....	.....	1,264	.....	.....
December	982	.....	.....	1,064	.....	.....
Averages	1,181	.....	.....	1,331	.....	.....

Brooms and Brushes. [2 Establishments.]

January	32	45	77	39	49	88
February	30	44	74	38	47	85
March	32	44	76	40	48	88
April	31	43	74	39	50	89
May	27	41	68	38	48	86
June	33	41	74	9	40	49
July	34	39	73	45	45	90
August	33	36	69	42	46	88
September	9	40	49	32	46	78
October	10	42	52	39	48	87
November	11	45	56	42	50	92
December	11	44	55	43	49	92
Averages	24	42	66	37	47	84

Building Material, Wood. [39 Establishments.]

January	1,856	.....	.....	1,968	.....	.....
February	1,799	.....	.....	1,969	.....	.....
March	1,818	.....	.....	2,082	.....	.....
April	1,964	.....	.....	2,263	.....	.....
May	1,954	.....	.....	2,285	.....	.....
June	1,985	.....	.....	2,284	.....	.....
July	1,906	.....	.....	2,281	.....	.....
August	2,084	.....	.....	2,370	.....	.....
September	1,983	.....	.....	2,378	.....	.....
October	1,964	.....	.....	2,390	.....	.....
November	1,903	.....	.....	2,291	.....	.....
December	1,826	.....	.....	2,099	.....	.....
Averages	1,910	.....	.....	2,222	.....	.....

Table No. 21—Continued.

Burial Cases, Coffins, Etc. [4 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	271	67	338	239	89	328
February	279	72	351	314	92	406
March	268	72	340	314	92	406
April	281	68	349	297	90	387
May	280	66	346	297	89	386
June	280	67	347	291	88	379
July	284	66	350	280	87	367
August	279	66	345	291	90	381
September	288	69	357	296	91	387
October	296	70	366	306	91	397
November	299	71	370	304	88	392
December	310	72	382	301	87	388
Averages	286	69	355	299	90	389

Buttons and Dress Trimmings. [4 Establishments.]

January	132	161	294	129	85	214
February	132	176	308	128	105	233
March	134	98	232	128	98	226
April	120	93	213	122	109	231
May	99	75	174	121	75	196
June	123	63	186	117	62	179
July	113	63	176	120	64	184
August	104	79	183	121	86	207
September	91	83	174	125	106	231
October	84	104	188	125	122	247
November	76	91	167	136	96	232
December	93	86	179	141	87	228
Averages	108	98	206	126	91	217

Carriages and Wagons. [20 Establishments.]

January	1,107	39	1,146	1,318	46	1,364
February	1,174	41	1,215	1,262	46	1,308
March	1,233	38	1,271	1,421	57	1,478
April	1,295	41	1,336	1,486	51	1,537
May	1,331	48	1,379	1,469	58	1,527
June	1,293	47	1,340	1,479	62	1,541
July	1,258	50	1,308	1,443	54	1,497
August	1,129	38	1,167	1,304	47	1,351
September	1,098	34	1,132	1,227	43	1,270
October	1,041	28	1,069	1,258	37	1,295
November	1,034	34	1,068	1,292	42	1,338
December	1,067	32	1,099	1,331	51	1,382
Averages	1,172	39	1,211	1,349	49	1,398

Table No. 21—Continued.

Cigars and Tobacco. [19 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	360	203	563	480	230	810
February	375	205	580	476	231	807
March	409	274	683	488	228	817
April	423	288	711	489	227	816
May	433	289	722	486	247	825
June	426	285	711	473	247	820
July	436	279	715	494	265	858
August	449	311	759	513	240	853
September	484	312	796	586	257	893
October	486	336	821	563	276	939
November	488	337	825	555	490	1,035
December	487	329	816	558	387	945
Averages	438	287	725	509	359	968

Clothing. [45 Establishments.]

MONTHS.	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	753	1,560	2,313	796	1,674	2,469
February	796	1,665	2,461	832	1,785	2,617
March	896	1,770	2,648	909	1,858	2,767
April	963	1,800	2,763	1,029	1,934	2,963
May	1,024	1,798	2,822	1,088	1,960	3,048
June	989	1,780	2,779	1,052	1,853	2,905
July	891	1,828	2,717	942	1,833	2,775
August	932	1,955	2,887	964	1,925	2,889
September	1,028	2,002	3,030	1,086	2,112	3,199
October	1,187	2,056	3,193	1,223	2,239	3,453
November	1,143	1,975	3,118	1,239	2,088	3,327
December	977	1,650	2,627	1,057	1,787	2,844
Averages	961	1,821	2,782	1,018	1,920	2,938

Confectionery. [6 Establishments.]

MONTHS.	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	186	271	437	178	265	443
February	181	245	426	176	275	451
March	179	255	434	183	279	463
April	171	245	417	175	290	465
May	176	249	425	177	300	477
June	169	310	479	177	317	494
July	169	281	450	176	299	475
August	170	258	428	193	323	526
September	207	289	496	204	359	563
October	204	302	506	205	374	578
November	202	333	535	198	398	596
December	186	256	441	202	359	561
Averages	182	274	456	187	321	508

Table No. 21—Continued.

Drugs and Medicines. [6 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	108	100	208	114	106	220
February	118	97	215	130	108	238
March	157	98	255	169	115	284
April	157	98	255	169	114	283
May	146	99	245	168	109	277
June	147	103	250	169	109	278
July	267	113	380	171	118	289
August	151	172	323	186	186	372
September	110	168	278	120	198	318
October	114	128	242	123	145	268
November	94	92	186	113	105	218
December	107	101	208	118	111	229
Averages	139	116	255	146	127	273

Electric Apparatus, Etc. [4 Establishments.]

January	2,748	1,042	3,790	2,366	893	3,249
February	2,671	776	3,447	2,124	610	2,734
March	2,390	906	3,296	2,010	749	2,759
April	2,470	938	3,408	2,033	759	2,792
May	2,279	921	3,200	2,029	811	2,840
June	2,656	1,037	3,693	2,177	841	3,018
July	2,639	1,078	3,716	2,345	854	3,199
August	2,478	891	3,359	2,263	797	3,060
September	2,471	830	3,301	2,246	748	2,994
October	2,172	718	2,890	2,299	760	3,059
November	2,101	681	2,782	2,319	752	3,071
December	2,691	1,021	3,712	2,160	815	2,975
Averages	2,480	903	3,383	2,196	781	2,979

Electric Light, Power and Gas. [7 Establishments.]

January	352	4	356	257	3	260
February	365	4	369	301	3	304
March	260	4	264	312	3	315
April	371	5	376	355	4	359
May	400	5	405	397	4	401
June	414	5	419	391	4	396
July	316	4	320	371	4	375
August	289	4	293	368	4	372
September	306	4	310	401	4	405
October	290	4	294	398	4	402
November	294	4	298	410	4	414
December	270	4	274	389	4	393
Averages	336	4	340	362	4	366

Table No. 21—Continued.

Fancy Articles. [6 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females	Both sexes	Males.	Females.	Both sexes
January	94	106	200	126	126	254
February	118	117	235	137	139	276
March	124	114	238	141	148	289
April	127	130	257	137	164	301
May	129	128	257	112	163	265
June	121	127	248	114	150	264
July	100	118	218	97	125	222
August	111	129	250	103	145	248
September	127	150	277	126	158	284
October	131	148	279	145	158	303
November	138	147	285	148	164	312
December	139	149	288	147	154	301
Averages	122	131	253	128	149	277

Fertilizers. [4 Establishments.]

January	99	19	118	136	9	145
February	127	24	151	146	19	165
March	129	21	150	185	22	176
April	122	15	137	120	21	141
May	115	13	128	106	15	121
June	100	13	113	121	11	132
July	102	13	115	133	8	141
August	120	16	136	114	14	128
September	113	15	128	115	12	127
October	116	19	135	107	12	119
November	137	21	158	103	12	115
December	135	23	158	116	15	131
Averages	118	18	136	123	14	137

Food Preparations. [29 Establishments.]

January	690	255	1,035	705	379	1,084
February	685	241	1,026	704	383	1,087
March	707	355	1,062	718	394	1,102
April	732	361	1,093	745	375	1,120
May	788	353	1,141	810	378	1,188
June	1,315	554	1,869	888	394	1,280
July	1,428	548	1,974	888	408	1,306
August	1,715	788	2,501	1,576	733	2,309
September	1,726	810	2,536	1,589	820	2,409
October	1,080	519	1,599	968	542	1,510
November	875	477	1,352	783	474	1,257
December	792	428	1,218	704	420	1,124
Averages	1,045	490	1,535	924	474	1,398

Table No. 21—Continued.

Furniture. [52 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	3,409	124	3,533	3,446	110	3,556
February	3,488	122	3,605	3,500	112	3,612
March	3,483	123	3,616	3,719	112	3,831
April	3,547	143	3,690	3,843	118	3,966
May	3,551	141	3,692	3,747	115	3,862
June	3,486	137	3,625	3,671	117	3,788
July	3,447	139	3,586	3,623	122	3,745
August	3,484	136	3,622	3,630	125	3,806
September	3,509	137	3,646	3,723	129	3,867
October	3,640	130	3,770	3,867	123	4,020
November	3,589	136	3,725	3,900	142	4,102
December	3,542	114	3,656	3,816	126	3,952
Averages	3,510	133	3,643	3,719	122	3,841

Furnishing Goods. [10 Establishments.]

January	111	912	1,023	187	850	1,037
February	115	968	1,083	191	971	1,162
March	118	987	1,105	193	997	1,190
April	114	906	1,020	189	963	1,152
May	113	841	954	191	886	1,077
June	114	792	906	183	903	1,086
July	110	770	880	181	819	1,000
August	109	896	1,005	182	935	1,117
September	111	910	1,021	187	964	1,151
October	110	929	1,039	182	960	1,142
November	110	923	1,033	179	865	1,043
December	115	903	1,018	178	867	1,045
Averages	112	896	1,007	185	915	1,100

Glass. [7 Establishments.]

January	1,297	45	1,342	1,330	45	1,375
February	1,330	45	1,375	1,312	45	1,357
March	1,311	46	1,357	1,317	46	1,363
April	1,296	45	1,341	1,274	44	1,318
May	1,248	37	1,285	1,123	28	1,150
June	1,086	22	1,108	1,121	24	1,145
July	251	7	258	287	9	296
August	265	7	272	296	10	306
September	1,197	37	1,234	1,247	29	1,276
October	1,121	32	1,153	1,240	42	1,282
November	1,238	45	1,283	1,253	53	1,306
December	1,291	45	1,336	1,243	43	1,286
Averages	1,081	33	1,114	1,087	35	1,122

Table 21—Continued.

Hats, Caps, Gloves and Mittens. [4 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
January	99	170	269	111	194	305
February	100	169	269	112	193	305
March	100	170	270	112	197	309
April	101	172	273	115	198	312
May	101	173	274	115	199	314
June	101	172	273	114	193	307
July	101	172	273	115	193	308
August	102	172	274	114	195	309
September	101	172	273	112	193	305
October	100	173	273	113	196	309
November	99	173	272	113	197	310
December	98	169	266	108	189	297
Averages	100	171	271	113	196	308

Hosiery and Knit Goods. [3 Establishments.]

January	202	403	604	229	501	730
February	195	418	613	242	496	728
March	195	414	609	246	487	723
April	196	407	603	247	476	723
May	191	415	606	242	455	697
June	196	415	610	246	461	707
July	197	425	622	239	460	699
August	212	428	640	258	460	718
September	215	428	643	236	451	687
October	210	431	641	237	473	710
November	206	444	650	233	472	705
December	183	423	606	237	501	738
Averages	200	421	621	241	474	715

Iron and Steel Forgings, Castings, etc. [28 Establishments.]

January	6,017	63	6,079	6,251	66	6,217
February	5,908	63	5,970	6,560	66	6,626
March	6,004	62	6,066	6,582	66	6,628
April	6,034	61	6,096	6,908	66	6,974
May	5,668	62	5,630	6,803	11	6,814
June	6,455	62	6,517	5,987	66	6,053
July	5,496	63	5,549	5,351	62	5,443
August	6,617	63	6,680	6,166	62	6,227
September	6,391	63	6,454	6,143	63	6,206
October	5,904	63	5,967	7,010	63	7,073
November	5,982	64	5,926	6,980	64	7,044
December	6,550	64	6,614	7,153	65	7,218
Averages	6,066	63	6,129	6,517	60	6,577

Table No. 21—Continued.

Iron—Structural and Ornamental. [9 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January.....	780	.....	.....	870	.....	.....
February.....	832	.....	.....	838	.....	.....
March.....	867	.....	.....	844	.....	.....
April.....	658	.....	.....	798	.....	.....
May.....	888	.....	.....	796	.....	.....
June.....	772	.....	.....	785	.....	.....
July.....	774	.....	.....	822	.....	.....
August.....	818	.....	.....	830	.....	.....
September.....	757	.....	.....	939	.....	.....
October.....	724	.....	.....	1,027	.....	.....
November.....	759	.....	.....	1,065	.....	.....
December.....	863	.....	.....	1,016	.....	.....
Averages.....	786	.....	.....	881	.....	.....

Jewelry and Watch Cases. [7 Establishments.]

January.....	271	45	316	294	62	356
February.....	269	43	312	288	62	350
March.....	274	45	319	291	62	353
April.....	274	46	320	293	63	356
May.....	269	46	315	284	57	341
June.....	267	46	313	281	51	332
July.....	268	44	312	284	50	335
August.....	268	46	314	287	60	347
September.....	270	46	316	293	60	353
October.....	277	47	324	301	65	366
November.....	279	48	327	309	65	373
December.....	279	48	327	312	66	378
Averages.....	272	46	318	293	60	353

Leather and Leather Goods. [15 Establishments.]

January.....	781	39	820	850	53	903
February.....	801	49	850	867	61	918
March.....	822	52	874	863	63	916
April.....	829	51	880	872	57	929
May.....	813	56	869	834	60	894
June.....	805	53	858	850	57	907
July.....	805	45	850	837	47	884
August.....	785	42	827	819	44	863
September.....	801	44	845	851	33	884
October.....	804	46	850	864	44	908
November.....	801	49	850	851	53	904
December.....	794	52	846	845	58	903
Averages.....	803	48	851	849	52	901

Table No. 21—Continued.

Lithographing and Engraving. [3 Establishments.]

MONTHS	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January.....	230	24	254	229	34	263
February.....	229	23	251	230	32	262
March.....	228	18	246	238	33	271
April.....	226	17	243	236	30	266
May.....	223	17	240	235	37	272
June.....	229	19	248	234	28	262
July.....	229	20	249	231	37	268
August.....	229	34	263	225	34	259
September.....	228	39	267	223	38	261
October.....	226	38	264	229	40	269
November.....	231	37	268	231	40	271
December.....	233	37	270	238	47	285
Averages.....	228	27	255	231	37	268

Liquors, Malt and Distilled. [13 Establishments.]

January.....	542	6	548	581	7	588
February.....	525	6	531	580	7	587
March.....	549	6	555	585	7	592
April.....	561	6	566	592	7	599
May.....	575	6	581	615	8	623
June.....	588	7	595	628	8	636
July.....	624	7	631	675	9	684
August.....	629	8	637	685	8	693
September.....	626	8	634	621	7	628
October.....	593	7	600	600	7	607
November.....	560	7	567	583	6	589
December.....	561	7	568	573	7	580
Averages.....	578	7	585	608	7	615

Machines and Machinery. [50 Establishments.]

January.....	3,325	54	3,379	3,460	80	3,540
February.....	3,426	55	3,481	3,497	82	3,579
March.....	3,393	59	3,452	3,647	93	3,740
April.....	3,486	47	3,533	3,657	68	3,725
May.....	3,624	47	3,671	3,682	71	3,753
June.....	3,588	49	3,637	3,628	73	3,701
July.....	3,533	53	3,586	3,691	83	3,776
August.....	3,470	51	3,521	3,930	83	4,013
September.....	3,459	45	3,504	3,985	72	3,967
October.....	3,418	44	3,462	3,917	72	3,989
November.....	3,429	46	3,475	3,969	73	4,042
December.....	3,448	44	3,492	3,986	73	4,069
Averages.....	3,458	50	3,508	3,738	77	3,815

Table No. 21—Continued.

Meats, Packing and Preserving. [10 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	6,708	767	7,475	6,969	1,096	8,064
February	6,621	731	7,352	6,748	972	7,720
March	6,407	749	7,156	6,232	860	7,092
April	6,109	762	6,871	5,971	869	6,840
May	6,121	778	6,899	6,044	822	6,866
June	6,121	778	6,899	6,261	860	7,121
July	6,468	784	7,248	6,709	1,159	7,868
August	6,514	894	7,408	7,095	1,229	8,324
September	6,772	1,089	7,860	7,361	1,342	8,703
October	6,971	1,111	8,082	7,453	1,300	8,753
November	7,255	1,142	8,397	7,977	1,364	9,341
December	7,845	1,170	8,515	8,399	1,369	9,768
Averages	6,617	896	7,512	6,937	1,104	8,041

Metals and Metallic Goods. [35 Establishments.]

January	2,514	255	2,769	2,642	253	2,896
February	2,471	276	2,747	2,627	271	2,898
March	2,554	280	2,834	2,841	300	3,141
April	2,458	241	2,699	2,754	342	2,996
May	2,670	253	2,923	2,751	186	2,936
June	2,469	174	2,643	2,848	210	3,058
July	2,641	267	2,908	2,426	131	2,557
August	2,641	266	2,907	3,058	239	3,297
September	2,579	230	2,809	3,041	317	3,358
October	2,468	238	2,706	2,861	315	3,176
November	2,592	253	2,845	3,016	261	3,277
December	2,384	225	2,609	2,782	250	3,032
Averages	2,528	258	2,786	2,804	253	3,057

Milling, Flour and Feed. [6 Establishments.]

January	174	2	176	177	2	179
February	176	2	178	178	2	180
March	175	2	177	177	2	179
April	171	2	173	175	2	177
May	171	2	173	170	2	172
June	171	2	173	169	2	171
July	178	2	180	176	2	178
August	177	2	179	181	2	183
September	179	2	181	181	2	183
October	184	2	186	181	2	183
November	182	2	184	184	2	186
December	179	2	181	181	2	183
Averages	176	2	178	178	2	180

Table No. 21.—Continued.

[*Millinery and Lace Goods. [5 Establishments.]*]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	68	251	319	71	299	370
February	87	317	404	93	435	528
March	123	366	477	123	481	614
April	108	346	454	120	415	535
May	93	342	434	106	498	603
June	71	196	267	79	196	274
July	93	342	434	76	171	247
August	72	246	318	79	270	349
September	75	290	355	89	312	401
October	71	228	299	85	325	410
November	66	165	231	78	165	243
December	69	167	236	89	202	291
Averages	83	269	353	91	296	389

[*Models, Lasts and Patterns. [3 Establishments.]*]

January	136	.....	.....	131	.....	.....
February	136	.....	.....	131	.....	.....
March	129	.....	.....	147	.....	.....
April	130	.....	.....	148	.....	.....
May	131	.....	.....	147	.....	.....
June	124	.....	.....	136	.....	.....
July	123	.....	.....	135	.....	.....
August	128	.....	.....	143	.....	.....
September	131	.....	.....	144	.....	.....
October	132	.....	.....	150	.....	.....
November	136	.....	.....	156	.....	.....
December	135	.....	.....	149	.....	.....
Averages	131	.....	.....	144	.....	.....

[*Musical Instruments. [14 Establishments.]*]

January	1,713	31	1,744	1,962	9	1,971
February	1,713	34	1,747	2,004	9	2,013
March	1,784	26	1,770	1,992	9	2,001
April	1,710	27	1,747	1,988	9	1,997
May	1,706	41	1,745	1,968	10	1,978
June	1,739	44	1,783	1,957	11	1,968
July	1,785	43	1,778	1,988	10	1,998
August	1,762	53	1,815	2,032	10	2,042
September	1,807	51	1,858	2,091	10	2,101
October	1,818	51	1,869	2,094	9	2,103
November	1,835	46	1,881	2,135	8	2,143
December	1,820	47	1,867	2,170	8	2,178
Averages	1,757	43	1,800	2,032	9	2,041

Table No. 21—Continued.

Oils, Varnish, Etc. [4 Establishments.]

Months.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January.....	150	13	163	162	6	168
February.....	108	10	118	164	5	169
March.....	71	10	81	78	6	84
April.....	70	12	82	80	9	89
May.....	60	13	73	75	5	80
June.....	62	9	71	71	4	75
July.....	61	6	67	79	2	82
August.....	79	8	87	74	2	77
September.....	86	7	93	151	2	154
October.....	139	8	177	151	2	154
November.....	198	8	204	192	2	196
December.....	194	7	201	192	3	196
Averages.....	109	9	118	123	4	127

Paper Boxes, Tags, Etc. [13 Establishments.]

January.....	456	458	914	468	465	933
February.....	464	458	912	477	476	953
March.....	455	460	915	478	456	935
April.....	439	449	888	463	461	922
May.....	439	441	880	464	461	925
June.....	416	424	840	467	464	931
July.....	434	424	858	448	441	889
August.....	464	435	899	437	438	875
September.....	475	445	920	451	473	924
October.....	470	469	939	475	500	975
November.....	470	466	936	481	497	978
December.....	466	469	935	496	516	1,002
Averages.....	453	450	903	466	473	939

Paving and Paving Materials. [13 Establishments.]

January.....	280	1	281	232	1	233
February.....	295	1	296	247	1	248
March.....	296	1	297	308	1	309
April.....	407	1	408	416	1	417
May.....	593	1	594	515	1	516
June.....	502	1	503	526	1	527
July.....	507	1	508	545	1	546
August.....	486	1	487	575	1	576
September.....	494	1	495	564	1	565
October.....	496	1	496	491	1	492
November.....	437	1	428	392	1	398
December.....	325	1	326	317	1	318
Averages.....	426	1	427	427	1	428

Table No. 21—Continued.

Photography and Materials. [11 Establishments.]

Months.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January.....	437	83	510	492	83	575
February.....	440	86	526	496	90	586
March.....	433	88	516	487	90	577
April.....	430	81	511	486	88	554
May.....	428	88	511	465	86	551
June.....	437	86	512	481	94	554
July.....	439	86	524	476	101	577
August.....	446	98	539	500	96	596
September.....	430	86	516	501	101	602
October.....	436	79	515	503	103	606
November.....	441	77	518	497	111	608
December.....	454	79	533	501	109	610
Averages.....	436	83	519	496	96	551

Pottery. [8 Establishments.]

January.....	408	1	404	398	1	399
February.....	394	1	395	399	1	390
March.....	397	1	398	425	1	426
April.....	390	1	391	437	1	438
May.....	391	1	392	457	1	458
June.....	423	1	424	471	1	472
July.....	444	1	445	453	1	454
August.....	419	1	420	496	1	497
September.....	436	1	437	528	1	529
October.....	434	1	435	518	1	519
November.....	396	1	397	535	1	536
December.....	390	1	391	496	1	499
Averages.....	408	1	409	470	1	471

Printing, Publishing and Bookbinding. [53 Establishments.]

January.....	2,375	856	3,231	2,514	867	2,401
February.....	2,406	877	3,283	2,527	786	2,312
March.....	2,422	862	3,284	2,561	889	2,450
April.....	2,352	833	3,185	2,506	865	2,371
May.....	2,337	829	3,166	2,542	944	2,396
June.....	2,426	907	3,232	2,494	828	2,312
July.....	2,375	838	3,213	2,517	874	2,341
August.....	2,398	856	3,249	2,558	871	2,429
September.....	2,437	894	3,321	2,544	891	2,425
October.....	2,386	867	3,252	2,575	963	2,438
November.....	2,441	869	3,310	2,588	890	2,468
December.....	2,463	902	3,365	2,594	899	2,498
Averages.....	2,401	857	3,258	2,543	869	2,402

Table No. 21—Continued.

Railroad Construction and Equipment. [37 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	12,143	8	12,151	13,639	11	13,650
February	12,314	8	12,322	13,583	11	13,544
March	12,372	8	12,380	13,477	11	13,488
April	12,024	8	12,032	13,788	11	13,749
May	11,564	8	11,572	12,965	11	12,966
June	12,271	8	12,279	12,684	11	12,645
July	12,268	8	12,276	12,434	11	12,445
August	12,431	8	12,439	12,882	11	12,898
September	11,679	8	11,687	12,727	11	12,738
October	12,022	8	12,030	13,099	11	13,110
November	12,340	8	12,348	13,582	11	13,593
December	12,591	8	12,599	13,868	11	13,879
Averages	12,192	8	12,200	13,214	11	13,225

Roofing and Roofing Materials. [7 Establishments.]

January	180	2	182	206	2	208
February	164	2	166	185	2	187
March	217	2	219	259	2	261
April	264	2	266	306	2	307
May	312	2	314	346	2	348
June	333	2	335	361	2	363
July	327	2	329	349	4	353
August	377	2	379	381	2	383
September	303	2	305	308	2	306
October	242	2	244	286	2	288
November	246	2	248	254	2	256
December	223	2	225	221	2	223
Averages	266	2	268	289	2	290

Stone, Cut and Monumental. [9 Establishments.]

January	183	.....	.....	210	.....	.....
February	170	.....	.....	192	.....	.....
March	190	.....	.....	253	.....	.....
April	252	.....	.....	385	.....	.....
May	318	.....	.....	379	.....	.....
June	343	.....	.....	382	.....	.....
July	342	.....	.....	385	.....	.....
August	353	.....	.....	405	.....	.....
September	351	.....	.....	405	.....	.....
October	390	.....	.....	415	.....	.....
November	230	.....	.....	394	.....	.....
December	232	.....	.....	341	.....	.....
Averages	287	.....	.....	346	.....	.....

Table No. 21—Continued.

Stone, Quarried. [2 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	14			14		
February	13			13		
March	15			18		
April	24			40		
May	49			57		
June	56			66		
July	47			70		
August	49			76		
September	44			70		
October	49			71		
November	49			80		
December	42			92		
Averages	38			56		

Stoves and Castings. [11 Establishments.]

January	1,045	12	1,057	976	9	985
February	1,123	12	1,145	1,074	9	1,083
March	1,163	14	1,177	1,102	6	1,108
April	1,161	14	1,175	1,054	14	1,068
May	1,108	15	1,118	1,072	15	1,087
June	1,136	17	1,153	1,099	15	1,114
July	839	17	856	1,128	9	1,137
August	1,102	16	1,118	1,156	8	1,164
September	1,074	12	1,086	1,112	9	1,121
October	1,089	15	1,104	1,132	9	1,141
November	1,079	9	1,088	1,129	8	1,137
December	1,044	10	1,054	1,110	9	1,119
Averages	1,081	13	1,084	1,095	10	1,106

Surgical Instruments and Appliances. [3 Establishments.]

January	144	16	160	165	17	182
February	153	16	169	165	17	182
March	152	16	168	167	17	184
April	148	16	164	171	16	187
May	151	15	166	177	17	194
June	154	16	170	173	17	190
July	153	15	168	172	17	189
August	152	16	168	174	17	191
September	159	16	175	175	17	192
October	156	16	174	172	18	190
November	159	15	174	169	18	187
December	156	17	173	170	18	186
Averages	153	16	169	171	17	188

Table No. 21—Continued.

Tin and Copper Smithing. [7 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	269	20	289	269	22	311
February	266	20	286	263	22	305
March	276	20	296	296	22	318
April	271	20	291	291	22	313
May	281	20	301	301	22	323
June	306	20	328	339	22	361
July	278	20	298	296	22	318
August	284	20	304	302	22	324
September	271	20	291	289	22	311
October	289	20	309	302	22	324
November	305	20	325	320	22	342
December	296	20	316	314	22	336
Averages	283	20	303	301	22	323

Wire Goods. [4 Establishments.]

January	210	23	233	267	18	286
February	214	23	237	265	18	286
March	213	23	236	269	18	287
April	212	23	235	266	16	272
May	206	23	229	280	13	293
June	181	20	201	223	13	236
July	179	18	197	229	13	242
August	170	14	184	230	14	244
September	168	14	182	227	13	250
October	175	14	189	241	13	254
November	194	15	210	250	15	265
December	196	17	212	259	16	276
Averages	193	19	212	247	15	262

Wooden Goods. [5 Establishments.]

January	159	5	163	150	5	155
February	160	5	165	158	4	163
March	158	5	163	169	5	174
April	166	5	171	177	5	182
May	174	5	179	193	5	198
June	174	5	179	184	5	189
July	172	5	177	180	5	186
August	158	5	163	169	5	174
September	162	5	167	169	5	174
October	159	5	164	176	5	181
November	153	5	158	179	5	184
December	161	5	166	183	5	193
Averages	162	5	167	174	5	179

Table No. 21—Concluded.

Woolen and Cotton Goods, Dyeing, Etc. [6 Establishments.]

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes	Males.	Females.	Both sexes
January	372	417	789	387	441	828
February	366	417	783	380	440	820
March	371	437	808	415	427	842
April	380	443	823	403	425	828
May	381	445	826	401	431	832
June	369	424	802	399	421	820
July	370	421	801	394	428	822
August	380	426	806	395	448	841
September	380	444	824	396	449	845
October	386	433	819	416	420	836
November	385	426	811	409	427	836
December	386	425	821	413	456	869
Averages	377	433	810	403	434	836

This table presents the average number of persons employed, by months, in each industry. The final line of each industry shows the average for the year of both males and females and for both sexes. Table 21 is summarized in the following table:

TABLE No. 22—Aggregate Number of Persons Employed by Months for the years 1900 and 1901—All Industries.

MONTHS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
January	64,794	9,772	74,556	67,856	10,309	78,165
February	64,938	9,787	74,695	67,833	10,255	78,087
March	65,464	10,123	75,588	69,055	10,655	79,710
April	65,317	9,933	75,250	69,947	10,545	80,492
May	65,183	10,002	75,185	69,157	10,287	79,444
June	66,659	9,977	76,636	68,192	10,149	78,341
July	64,518	10,317	74,735	66,771	10,236	77,007
August	66,463	10,654	77,117	70,460	11,211	81,671
September	66,427	11,022	77,449	71,587	11,730	83,317
October	65,559	10,689	76,248	72,816	11,524	84,340
November	66,861	10,473	76,854	74,052	11,260	85,312
December	67,091	10,230	77,321	73,690	10,969	84,649

In 1900 the largest number of males employed was in the month of December; the greatest number of females and for both sexes was in the month of September. In 1901 the greatest number of males and both sexes was in November; the greatest number of females was in September. The following table presents the aggregate number of persons employed by industries during each month, with percentages of employment and unemployment by months. The percentages are based on the month showing the greatest number employed, which is regarded as 100 per cent; therefore all other percentages, month by month, designate the variableness in employment:

TABLE NO. 23—*Persons Employed, Both Sexes, by Months, with Percentages of Employment and Unemployment, for the years 1900 and 1901.*

Agricultural Implements. [29 Establishments.]

MONTHS.	Number of persons employed.	1900.		1901.	
		PERCENTAGES OF—		PERCENTAGES OF—	
		Employment.	Unemployment.	Employment.	Unemployment.
January	2,279	98.87	6.13	2,198	96.83
February	2,443	98.57	1.43	2,229	97.76
March	2,498	100.00		2,260	96.40
April	2,344	95.73	4.27	2,177	96.19
May	2,099	88.72	11.28	2,997	90.74
June	2,633	75.28	24.62	2,861	86.62
July	2,359	67.54	32.46	2,508	75.98
August	2,423	69.37	30.63	2,573	78.06
September	2,132	61.04	38.96	2,540	77.51
October	2,271	65.02	34.98	2,676	81.02
November	2,767	78.64	21.36	2,084	93.37
December	2,946	84.34	15.66	2,308	100.00
Averages	2,847			2,952	

Awnings, Tents, Etc. [4 Establishments.]

January	466	83.66	16.34	361	100.00
February	423	75.94	24.06	370	97.11
March	412	73.97	26.03	338	96.71
April	427	76.66	23.34	330	96.61
May	483	86.71	13.29	334	85.04
June	557	100.00		312	81.89
July	448	80.43	19.57	298	78.22
August	241	43.27	56.73	233	61.15
September	235	40.39	59.61	169	44.86
October	301	54.04	45.96	228	63.47
November	347	63.30	37.70	267	96.33
December	288	51.71	48.29	246	90.81
Averages	385			309	

Table No. 23—Continued.

Bakery Products [5 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	247	84.59	15.41	285	81.04	18.96
February	251	85.98	14.04	283	80.43	19.57
March	252	86.80	13.70	257	81.65	18.35
April	266	90.75	9.25	252	86.54	13.46
May	278	98.49	6.51	296	89.91	10.09
June	280	95.89	4.11	321	98.17	1.83
July	279	95.55	4.45	317	96.94	3.06
August	272	98.15	6.85	327	100.00	.....
September	272	93.15	6.85	307	93.89	6.12
October	289	96.93	3.08	314	96.02	3.98
November	292	100.00	.....	314	96.02	3.98
December	291	99.68	0.32	323	98.78	1.22
Averages	271	.....	.....	300	.....	.....

Bicycles and Tricycles. [4 Establishments.]

January	281	95.25	4.75	278	87.97	12.03
February	400	100.00	.....	316	100.00	.....
March	336	84.00	16.00	308	97.47	2.53
April	298	74.59	25.50	294	93.04	6.96
May	222	55.75	44.25	287	90.82	9.18
June	212	53.25	46.75	264	83.64	16.46
July	142	35.60	64.50	248	78.48	21.52
August	239	74.75	25.25	241	76.27	23.73
September	293	73.25	26.75	250	79.11	20.89
October	301	75.25	24.75	240	75.96	24.06
November	318	79.60	20.50	248	78.48	21.52
December	379	94.75	5.25	254	80.38	19.62
Averages	299	.....	.....	269	.....	.....

Boots and Shoes. [7 Establishments.]

January	1,132	100.00	.....	969	85.30	14.70
February	1,124	99.29	0.71	1,041	91.64	8.36
March	1,106	97.61	12.39	1,042	91.73	8.27
April	977	88.21	3.69	1,039	91.46	8.54
May	1,106	97.70	2.30	1,022	89.96	10.04
June	1,071	94.61	5.39	925	81.43	8.57
July	1,052	92.92	7.07	1,075	94.63	5.37
August	1,084	96.76	4.24	1,097	96.67	3.33
September	1,082	96.67	4.33	1,135	99.91	0.09
October	1,072	94.70	5.30	1,186	100.00	.....
November	1,018	89.92	10.07	980	86.27	13.73
December	780	64.49	35.51	1,080	96.07	4.93
Averages	1,046	.....	.....	1,045	.....	.....

Table No. 23—Continued.

Boxes, Barrels, Kegs, Etc. [30 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	2,295	92.90	17.10	2,419	89.41	10.59
February	2,120	88.77	1.22	2,175	83.02	16.97
March	2,231	91.37	8.63	2,276	86.67	14.33
April	2,188	88.74	11.26	2,318	86.77	13.23
May	2,156	89.25	10.75	2,333	88.70	11.30
June	2,229	91.32	8.68	2,420	89.44	10.56
July	2,167	89.56	10.44	2,531	92.08	7.92
August	2,281	95.63	4.36	2,741	97.83	2.17
September	2,415	96.68	3.32	2,787	97.72	2.28
October	2,428	97.22	2.77	2,763	98.40	1.60
November	2,426	100.00	.....	2,624	100.00	.....
December	2,426	97.17	2.83	2,638	98.96	6.04
Averages	2,296	.....	.....	2,515	.....	.....

Brick, Tile and Sewer Pipe. [26 Establishments.]

January	755	49.45	50.46	831	48.58	51.42
February	545	35.76	64.24	799	48.69	51.31
March	848	55.64	44.36	987	58.40	41.60
April	1,221	80.77	19.23	1,378	81.54	18.46
May	1,400	91.86	8.14	1,538	91.01	8.99
June	1,491	97.83	2.17	1,646	97.40	2.60
July	1,524	100.00	.....	1,696	96.58	3.42
August	1,531	99.80	0.20	1,690	100.00	.....
September	1,440	94.49	5.51	1,609	96.21	3.79
October	1,345	88.25	11.75	1,515	89.64	10.36
November	1,095	71.85	28.15	1,284	74.79	25.21
December	962	64.44	35.56	1,064	62.96	37.04
Averages	1,181	.....	.....	1,331	.....	.....

Brooms and Brushes. [2 Establishments.]

January	77	100.00	.....	88	96.65	3.35
February	74	96.10	3.90	86	92.29	7.71
March	76	98.70	1.30	88	96.65	3.35
April	74	96.10	3.90	89	96.74	3.26
May	68	88.31	11.69	86	93.48	6.52
June	74	96.10	3.90	49	53.26	46.74
July	73	94.81	5.19	90	97.83	2.17
August	69	89.61	10.39	88	96.65	3.35
September	49	63.64	36.36	78	84.78	15.22
October	52	67.53	32.47	87	94.57	5.43
November	56	72.73	27.27	92	100.00	.....
December	55	71.43	28.57	92	100.00	.....
Averages	68	.....	.....	84	.....	.....

Table No. 23—Continued.

Building Material—Wood. [39 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	1,856	91.25	8.75	1,968	82.24	17.06
February	1,799	88.45	11.55	1,869	82.96	17.62
March	1,818	89.38	10.62	2,082	87.11	12.89
April	1,964	96.07	3.93	2,262	94.69	5.31
May	1,964	96.07	3.93	2,296	96.61	4.39
June	1,926	96.18	4.82	2,284	96.66	4.44
July	1,906	93.71	6.29	2,281	96.44	4.56
August	2,024	100.00	.....	2,270	99.16	.84
September	1,982	97.49	2.51	2,278	99.60	.50
October	1,964	96.07	3.93	2,290	100.00	.....
November	1,908	93.56	6.44	2,291	96.86	4.14
December	1,828	89.77	10.23	2,089	87.82	12.18
Averages	1,910	.....	.....	2,222	.....	.....

Burial Cases, Coffins, Etc. [4 Establishments.]

January	323	89.48	11.52	388	96.57	4.42
February	351	91.88	8.12	406	100.00	.....
March	360	94.24	5.76	406	100.00	.....
April	394	91.36	8.64	387	96.22	4.68
May	348	90.56	9.42	386	96.07	4.92
June	347	90.84	9.16	379	93.26	6.66
July	350	91.62	8.88	367	90.29	9.61
August	348	90.31	9.69	381	93.94	6.16
September	367	92.46	6.54	387	96.22	4.68
October	366	95.81	4.19	367	97.78	2.22
November	370	96.86	3.14	392	96.55	3.45
December	382	100.00	.....	388	96.57	4.42
Averages	355	.....	.....	389	.....	.....

Buttons and Dress Trimmings. [4 Establishments.]

January	294	96.45	4.55	214	96.64	13.36
February	308	100.00	.....	222	94.22	5.67
March	232	76.32	24.68	226	91.50	8.50
April	212	69.16	30.84	221	93.52	6.48
May	174	56.49	43.51	196	79.36	20.66
June	186	60.39	39.61	179	72.47	27.53
July	176	57.14	42.86	184	74.49	25.51
August	188	59.42	40.58	207	83.81	16.19
September	174	56.49	43.51	221	93.52	6.48
October	188	61.04	38.96	247	100.00	.....
November	167	54.22	45.78	222	93.93	6.07
December	179	58.12	41.88	228	92.31	7.69
Averages	206	.....	.....	217	.....	.....

Table No. 23—Continued.
Carriages and Wagons. [20 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	1,146	83.10	16.90	1,264	82.02	17.98
February	1,215	88.11	11.89	1,308	84.88	15.12
March	1,271	92.17	7.83	1,478	95.91	4.09
April	1,538	96.58	3.42	1,537	99.74	.26
May	1,579	100.00	.....	1,537	99.09	.91
June	1,840	97.17	2.83	1,541	100.00	.....
July	1,808	94.86	5.15	1,497	97.14	2.86
August	1,167	84.63	15.37	1,351	87.67	12.33
September	1,132	82.09	17.91	1,370	82.41	17.59
October	1,069	77.62	22.38	1,236	84.04	15.96
November	1,068	77.45	22.55	1,328	86.15	13.85
December	1,099	79.70	20.30	1,332	89.68	10.32
Averages	1,211	.....	.....	1,336	.....	.....

Cigars and Tobacco. [19 Establishments.]

January	563	68.24	31.76	810	78.26	21.74
February	580	70.80	29.20	870	77.97	22.03
March	693	82.79	17.21	817	78.94	21.06
April	711	86.18	13.82	816	78.84	21.16
May	722	87.52	12.48	835	79.71	20.29
June	711	86.18	13.82	820	79.23	20.77
July	715	86.67	13.33	858	82.90	17.10
August	769	92.00	8.00	863	82.42	17.58
September	796	96.48	3.52	896	86.28	13.72
October	821	90.52	9.48	939	90.72	9.28
November	825	100.00	.....	1,035	100.00	.....
December	816	98.91	1.09	945	91.80	8.20
Averages	725	.....	.....	868	.....	.....

Clothing. [45 Establishments.]

January	2,813	72.44	27.56	2,469	71.52	28.48
February	2,461	77.07	22.93	2,617	75.81	24.19
March	2,648	82.93	17.07	2,767	80.16	19.84
April	2,783	87.16	12.84	2,963	85.83	14.17
May	2,822	88.38	11.62	3,048	88.30	11.70
June	2,779	87.03	12.97	2,906	84.15	15.85
July	2,717	85.09	14.91	2,775	80.39	19.61
August	2,587	90.42	9.58	2,889	83.69	16.31
September	2,030	94.9	5.10	2,199	92.67	7.33
October	2,193	100.00	.....	2,452	100.00	.....
November	2,118	97.65	2.35	2,337	96.28	3.72
December	2,627	82.27	17.73	2,844	82.39	17.61
Averages	2,782	.....	.....	2,938	.....	.....

Table No. 23—Continued.
Confectionery. [6 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	437	81.68	18.32	443	74.33	25.67
February	428	79.63	20.37	451	75.67	24.33
March	434	81.12	18.88	462	77.62	22.38
April	417	77.94	22.06	466	78.02	21.98
May	425	79.44	20.56	477	80.03	19.97
June	479	89.53	10.47	494	82.89	17.11
July	450	84.11	15.89	476	79.70	20.30
August	428	80.00	20.00	526	88.26	11.74
September	496	92.71	7.29	563	94.46	5.54
October	508	94.58	5.42	579	97.15	2.85
November	535	100.00	.....	596	100.00	.....
December	441	82.43	17.57	561	94.13	5.87
Averages	456	.....	.....	508	.....	.....

Drugs and Medicines. [6 Establishments.]

January	208	54.74	45.26	220	59.14	40.86
February	215	56.54	43.42	238	62.98	37.02
March	255	67.11	32.89	284	76.34	23.66
April	255	67.11	32.89	283	76.08	23.92
May	245	64.47	35.53	277	74.46	25.54
June	250	65.79	34.21	278	74.73	25.27
July	280	100.00	.....	289	77.69	22.31
August	323	85.00	15.00	372	100.00	.....
September	298	78.42	21.58	318	85.48	14.52
October	242	63.68	36.32	268	72.04	27.96
November	186	48.95	51.05	218	58.60	41.40
December	208	54.74	45.26	229	61.66	38.34
Averages	255	.....	.....	273	.....	.....

Electric Apparatus, Etc. [4 Establishments.]

January	3,790	100.00	.....	3,249	100.00	.....
February	3,447	90.96	9.05	2,734	84.15	15.85
March	3,396	46.97	13.03	2,759	84.92	15.08
April	3,408	89.92	10.08	2,792	85.93	14.07
May	3,200	84.43	15.57	2,940	87.41	12.59
June	3,693	97.44	2.56	3,018	92.89	7.11
July	3,716	98.06	1.95	3,199	99.46	0.54
August	3,359	88.63	11.37	3,060	94.19	5.81
September	3,301	87.10	12.90	3,994	92.15	7.85
October	2,890	76.25	23.75	3,059	94.15	5.85
November	2,782	73.40	26.60	3,071	94.62	5.38
December	3,712	97.94	2.06	2,975	91.66	8.34
Averages	3,383	.....	.....	2,979	.....	.....

Table No. 23—Continued.

Electric Light, Power and Gas. [7 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January.....	356	84.96	15.04	360	63.80	37.20
February.....	369	86.07	11.93	304	78.43	21.57
March.....	364	86.87	13.13	315	76.09	23.91
April.....	376	89.74	10.26	350	86.71	13.29
May.....	408	96.66	3.34	401	96.96	3.14
June.....	419	100.00	.....	396	96.41	4.59
July.....	330	76.87	23.13	376	90.68	9.42
August.....	338	69.38	30.62	372	89.56	10.44
September.....	310	73.99	26.01	406	97.63	2.37
October.....	394	70.17	29.83	402	97.10	2.90
November.....	398	71.12	28.88	414	100.00	.....
December.....	374	65.39	34.61	393	94.93	5.07
Averages.....	340	.....	.....	366	.....	.....

Fancy Articles. [6 Establishments.]

January.....	200	69.44	30.56	254	81.41	18.59
February.....	236	81.60	18.40	276	88.46	11.54
March.....	238	82.64	17.36	289	92.63	7.37
April.....	257	89.24	10.76	301	96.47	3.53
May.....	257	89.24	10.76	265	84.94	15.06
June.....	248	96.11	3.89	264	84.62	15.38
July.....	318	78.69	21.31	322	71.15	28.85
August.....	360	86.81	13.19	348	79.49	20.51
September.....	277	96.18	3.82	294	91.03	8.97
October.....	279	96.88	3.12	308	97.12	2.88
November.....	286	98.96	1.04	312	100.00	.....
December.....	298	100.00	.....	301	96.47	3.53
Averages.....	253	.....	.....	277	.....	.....

Fertilizers. [4 Establishments.]

January.....	118	74.68	25.32	145	82.89	17.61
February.....	151	96.57	3.43	166	98.75	1.25
March.....	150	94.94	5.06	176	100.00	.....
April.....	137	86.71	13.29	141	80.11	19.89
May.....	128	81.01	18.99	121	65.75	34.25
June.....	113	71.52	28.48	123	76.00	24.00
July.....	115	73.78	26.22	141	80.11	19.89
August.....	136	86.08	13.92	128	72.73	27.27
September.....	128	81.01	18.99	127	72.16	27.84
October.....	135	85.44	14.56	119	67.61	32.39
November.....	158	100.00	.....	115	65.24	34.66
December.....	158	100.00	.....	121	74.43	25.57
Averages.....	136	.....	.....	127	.....	.....

Table No. 23—Continued.

Food Preparations. [29 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January.....	1,035	40.81	59.19	1,084	45.00	55.00
February.....	1,086	40.85	59.15	1,087	45.12	54.88
March.....	1,082	41.88	58.12	1,102	45.75	54.25
April.....	1,093	43.10	56.90	1,120	46.49	53.51
May.....	1,141	44.99	55.01	1,188	49.32	50.68
June.....	1,869	73.70	26.30	1,280	53.13	46.87
July.....	1,974	77.84	22.16	1,306	54.21	45.79
August.....	2,501	96.62	1.38	2,309	95.85	4.15
September.....	2,536	100.00	.....	2,409	100.00	.....
October.....	1,594	63.05	36.95	1,510	62.68	37.32
November.....	1,852	53.81	46.19	1,257	53.18	46.82
December.....	1,318	48.03	51.97	1,124	46.66	53.34
Averages.....	1,535	.....	.....	1,398	.....	.....

Furniture. [52 Establishments.]

January.....	3,533	93.71	6.29	3,556	96.69	13.31
February.....	3,605	95.66	4.34	3,612	96.06	11.96
March.....	3,616	95.92	4.08	3,831	93.29	6.61
April.....	3,690	97.88	2.12	3,956	95.44	3.56
May.....	3,692	97.93	2.07	3,862	94.15	5.85
June.....	3,575	94.83	5.17	3,788	93.25	7.05
July.....	3,586	95.12	4.88	3,745	91.30	8.70
August.....	3,622	96.07	3.93	3,805	92.76	7.24
September.....	3,646	96.71	3.29	3,867	94.27	5.73
October.....	3,770	100.00	.....	4,020	95.00	2.00
November.....	3,725	96.81	1.19	4,102	100.00	.....
December.....	3,656	96.98	3.02	3,862	96.84	3.66
Averages.....	3,643	.....	.....	3,841	.....	.....

Furnishing Goods. [10 Establishments.]

January.....	1,023	93.58	7.42	1,037	87.14	12.86
February.....	1,084	96.01	1.99	1,161	97.65	2.35
March.....	1,105	100.00	.....	1,190	100.00	.....
April.....	1,020	92.31	7.69	1,152	96.81	3.19
May.....	964	96.33	13.67	1,077	90.50	9.50
June.....	966	81.99	18.01	1,088	91.26	8.74
July.....	880	79.64	20.36	1,000	84.03	15.97
August.....	1,005	90.96	9.05	1,117	93.87	6.13
September.....	1,021	92.40	7.60	1,151	96.72	3.28
October.....	1,039	94.03	5.97	1,142	95.97	4.03
November.....	1,083	93.48	6.52	1,043	87.65	12.35
December.....	1,014	92.13	7.87	1,045	87.82	12.18
Averages.....	1,007	.....	.....	1,100	.....	.....

Table No. 23—Continued.

Glass. [7 Establishments.]

MONTHS.	1900.			1901.		
	Number of per- sons employed.	PERCENTAGES OF—		Number of per- sons employed.	PERCENTAGES OF—	
		Employ- ment.	Unemploy- ment.		Employ- ment.	Unemploy- ment.
January.....	1,342	98.22	1.68	1,376	100.00	.....
February.....	1,385	100.00	.....	1,359	98.69	1.31
March.....	1,357	99.41	0.59	1,363	99.13	0.87
April.....	1,343	99.89	1.61	1,318	95.86	4.15
May.....	1,285	94.14	5.86	1,150	83.64	16.36
June.....	1,108	81.17	18.83	1,145	83.27	16.73
July.....	258	18.90	81.10	296	21.63	78.47
August.....	282	19.20	80.80	306	22.25	77.75
September.....	1,324	89.67	10.33	1,276	92.80	7.20
October.....	1,153	84.47	15.53	1,283	93.24	6.76
November.....	1,238	98.02	1.98	1,205	94.91	5.09
December.....	1,236	97.88	2.12	1,286	93.45	6.55
Averages.....	1,114	.....	.....	1,122	.....	.....

Hats, Caps, Gloves and Mittens. [4 Establishments.]

January.....	269	98.18	1.82	305	97.13	2.87
February.....	269	98.17	1.82	305	97.13	2.87
March.....	270	98.54	1.46	309	98.41	1.59
April.....	273	99.64	0.36	313	98.68	0.32
May.....	274	100.00	.....	314	100.00	.....
June.....	273	99.64	0.36	307	97.77	2.23
July.....	273	99.64	0.36	306	98.09	1.91
August.....	274	100.00	.....	309	98.41	1.59
September.....	273	99.64	0.36	305	97.13	2.87
October.....	273	99.64	0.36	309	98.41	1.59
November.....	272	98.27	0.73	310	98.73	1.27
December.....	266	97.08	2.92	297	94.69	5.41
Averages.....	271	.....	.....	308	.....	.....

Iron and Steel Forgings, Castings, Etc. [28 Establishments.]

January.....	6,079	91.00	9.00	6,317	87.52	12.48
February.....	5,970	89.37	10.63	6,626	91.80	8.20
March.....	6,088	90.81	9.19	6,928	96.98	4.02
April.....	6,096	91.28	8.74	6,974	96.62	3.38
May.....	5,630	84.28	15.72	6,814	94.40	5.60
June.....	6,517	97.56	2.44	6,053	88.86	11.14
July.....	5,549	83.07	16.93	5,443	75.41	24.59
August.....	6,680	100.00	.....	6,227	86.27	13.73
September.....	6,454	96.62	3.38	6,206	85.98	14.02
October.....	5,967	89.33	10.67	7,073	97.99	2.01
November.....	5,926	89.71	11.29	7,044	97.69	2.41
December.....	6,614	99.01	0.99	7,218	100.00	.....
Averages.....	6,129	.....	.....	6,577	.....	.....

Table No. 23—Continued.

Hosiery and Knit Goods. [3 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January.....	604	92.92	7.08	730	98.92	1.08
February.....	613	94.31	5.69	728	98.64	1.36
March.....	609	93.69	6.31	733	99.32	0.68
April.....	603	92.77	7.23	728	97.97	2.03
May.....	606	93.23	6.77	697	94.44	5.56
June.....	610	93.86	6.15	707	95.80	4.20
July.....	622	95.69	4.31	699	94.72	5.28
August.....	640	98.46	1.54	718	97.29	2.71
September.....	643	98.92	1.08	687	93.09	6.91
October.....	641	98.63	1.38	710	96.21	3.79
November.....	650	100.00	.....	705	95.53	4.47
December.....	606	93.23	6.77	738	100.00	.....
Averages.....	621	.....	.....	715	.....	.....

Iron—Structural and Ornamental. [9 Establishments.]

January.....	780	89.97	10.03	870	81.69	18.31
February.....	822	94.81	5.19	838	78.69	21.31
March.....	867	100.00	.....	844	79.25	20.75
April.....	658	75.89	24.11	798	74.93	25.07
May.....	838	96.46	3.54	736	69.11	30.89
June.....	772	89.04	10.96	785	73.71	26.29
July.....	774	89.27	10.73	822	77.18	22.82
August.....	818	94.35	5.65	830	77.93	22.07
September.....	757	87.21	12.89	939	88.17	11.83
October.....	724	83.51	16.49	1,027	96.43	3.57
November.....	759	87.54	12.46	1,065	100.00	.....
December.....	863	99.54	0.46	1,016	95.40	4.60
Averages.....	786	.....	.....	891	.....	.....

Jewelry and Watch Cases. [7 Establishments.]

January.....	316	96.64	3.36	356	94.18	5.82
February.....	312	95.41	4.59	350	92.59	7.41
March.....	319	97.55	2.45	353	93.39	6.61
April.....	320	97.86	2.14	351	92.86	7.14
May.....	315	96.33	3.67	341	90.21	9.79
June.....	313	95.72	4.28	332	87.83	12.17
July.....	312	95.41	4.59	334	88.36	11.64
August.....	314	96.02	3.98	347	91.80	8.20
September.....	316	96.64	3.36	353	93.39	6.61
October.....	324	99.08	0.92	366	96.83	3.17
November.....	327	100.00	.....	373	98.68	1.32
December.....	327	100.00	.....	378	100.00	.....
Averages.....	319	.....	.....	353	.....	.....

Table No. 23—Continued.

Leather and Leather Goods. [15 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	820	93.18	6.82	903	97.20	2.80
February	850	96.69	3.31	918	98.32	1.68
March	874	99.32	.68	916	98.60	1.40
April	880	100.00	.....	929	100.00	.....
May	869	98.75	1.25	894	96.23	3.77
June	858	97.50	2.50	907	97.63	2.37
July	860	96.59	3.41	884	96.16	4.84
August	827	93.98	6.02	863	92.90	7.10
September	845	96.02	3.98	884	96.16	4.84
October	850	96.59	3.41	908	97.74	2.26
November	850	96.59	3.41	904	97.31	2.69
December	846	96.14	3.86	903	97.20	2.80
Averages	861	.....	.....	901	.....	.....

Lithographing and Engraving. [3 Establishments.]

January	254	94.07	5.93	263	92.28	7.72
February	251	92.96	7.04	262	91.93	8.07
March	246	91.11	8.89	271	95.09	4.91
April	243	90.00	10.00	266	93.33	6.67
May	240	88.89	11.11	272	95.44	4.56
June	242	91.86	8.14	272	95.44	4.56
July	249	92.22	7.78	268	94.04	5.96
August	263	97.41	2.59	269	90.88	9.12
September	267	98.89	1.11	261	91.58	8.42
October	264	97.78	2.22	269	94.39	5.61
November	268	99.26	.74	271	95.09	4.91
December	270	100.00	.....	285	100.00	.....
Averages	255	.....	.....	268	.....	.....

Liquors, Malt and Distilled. [13 Establishments.]

January	549	86.03	13.97	588	86.96	14.04
February	531	83.96	16.04	587	85.82	14.18
March	555	87.12	12.87	592	86.55	13.45
April	566	88.86	11.15	599	87.67	12.33
May	581	91.21	8.79	622	91.08	8.92
June	595	93.41	6.59	636	92.98	7.02
July	631	89.06	.94	654	100.00	.....
August	637	100.00	.....	674	98.54	1.46
September	634	89.53	.47	628	91.81	8.19
October	600	94.19	5.81	607	88.74	11.26
November	567	89.01	10.99	589	86.11	13.89
December	568	89.17	10.83	580	84.80	15.20
Averages	586	.....	.....	615	.....	.....

Table No. 23—Continued.

Machines and Machinery. [50 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	3,379	92.91	7.09	3,540	87.00	13.00
February	3,481	95.71	4.29	3,579	87.96	12.04
March	3,453	94.91	5.09	3,740	91.91	8.09
April	3,533	97.14	2.86	3,725	91.55	8.45
May	3,571	98.19	1.81	3,753	92.23	7.77
June	3,637	100.00	.....	3,601	88.50	11.50
July	3,586	98.60	1.40	3,776	92.80	7.20
August	3,521	96.81	3.19	4,013	98.62	1.38
September	3,504	96.34	3.66	3,967	97.25	2.75
October	3,462	95.19	4.81	3,989	98.03	1.97
November	3,475	95.55	4.45	4,042	99.34	.66
December	3,492	96.01	3.99	4,069	100.00	.....
Averages	3,508	.....	.....	3,815	.....	.....

Meats, Packing and Preserving. [10 Establishments.]

January	7,475	87.79	12.21	8,064	83.56	17.44
February	7,352	85.34	13.66	7,720	79.03	20.97
March	7,156	84.04	15.96	7,092	72.60	27.40
April	6,871	80.69	19.31	6,840	70.02	29.98
May	6,899	81.02	18.98	6,866	70.29	29.71
June	6,899	81.02	18.98	7,121	72.90	27.10
July	7,247	85.11	14.89	7,868	80.55	19.45
August	7,408	87.00	13.00	8,324	85.22	14.78
September	7,990	82.31	17.69	8,703	89.10	10.90
October	8,062	94.91	5.09	8,753	89.92	10.08
November	8,397	98.61	1.39	9,341	95.63	4.37
December	8,515	100.00	.....	9,768	100.00	.....
Averages	7,513	.....	.....	8,041	.....	.....

Metals and Metallic Goods. [35 Establishments.]

January	2,769	93.77	6.23	2,896	86.24	13.76
February	2,747	98.02	6.98	2,896	86.30	13.70
March	2,834	95.97	4.03	3,141	93.54	6.46
April	2,699	91.40	8.60	2,996	89.22	10.78
May	2,963	100.00	.....	2,936	87.43	12.57
June	2,643	89.50	10.50	3,058	91.07	8.93
July	2,908	98.48	1.52	2,567	76.15	23.85
August	2,807	95.06	4.94	3,357	99.97	.03
September	2,669	97.16	2.84	3,368	100.00	.....
October	2,756	93.33	6.67	3,176	94.56	5.44
November	2,845	95.34	3.66	3,277	97.59	2.41
December	2,609	88.35	11.65	3,032	90.29	9.71
Averages	2,786	.....	.....	3,067	.....	.....

Table No. 23—Continued.

Milling, Flour and Feed. [6 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	176	94.62	5.38	179	96.24	3.76
February	178	95.70	4.30	180	96.77	3.22
March	177	95.16	4.84	179	96.24	3.76
April	173	93.01	6.99	177	96.16	4.84
May	173	93.01	6.99	172	92.47	7.53
June	173	93.01	6.99	171	91.94	8.06
July	180	96.77	3.22	178	95.70	4.30
August	179	96.24	3.76	183	96.89	1.61
September	181	97.31	2.69	183	96.39	1.61
October	186	100.00	.....	183	96.39	1.61
November	184	98.92	1.08	186	100.00	.....
December	181	97.31	2.69	183	96.39	1.61
Averages	178	.....	.....	180	.....	.....

Millinery and Lace Goods. [5 Establishments.]

January	319	66.88	33.12	370	60.26	39.74
February	404	94.70	15.30	528	85.99	14.01
March	477	100.00	.....	614	100.00	.....
April	454	95.18	4.82	535	87.13	12.87
May	434	90.99	9.01	503	81.92	18.08
June	257	53.88	46.12	274	44.63	55.37
July	434	90.99	9.01	247	40.23	59.77
August	318	66.67	33.33	349	56.84	43.16
September	355	74.42	25.58	401	65.31	34.69
October	299	62.68	37.32	320	52.12	47.88
November	231	48.43	51.57	243	39.58	60.42
December	216	49.48	50.52	231	47.39	52.61
Averages	352	.....	.....	389	.....	.....

Models, Lasts and Patterns. [3 Establishments.]

January	136	100.00	.....	131	83.97	16.03
February	136	100.00	.....	140	89.74	10.26
March	129	94.85	5.15	147	94.23	5.77
April	130	95.59	4.41	148	94.87	5.13
May	131	96.32	3.68	147	94.23	5.77
June	124	91.18	8.82	136	87.18	12.82
July	123	90.44	9.56	135	86.54	13.46
August	128	94.12	5.88	143	91.67	8.33
September	131	96.32	3.68	144	92.81	7.69
October	132	97.06	2.94	150	96.15	3.85
November	136	100.00	.....	158	100.00	.....
December	125	99.26	.74	149	95.61	4.49
Averages	131	.....	.....	144	.....	.....

Table No. 23—Continued.

Musical Instruments. [14 Establishments.]

MONTHS.	1900.			1900.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	1,744	92.72	7.28	1,971	90.50	9.50
February	1,747	92.88	7.12	2,013	92.42	7.58
March	1,770	94.10	5.90	2,001	91.87	8.13
April	1,747	92.88	7.12	1,997	91.69	8.31
May	1,746	92.82	7.18	1,978	90.82	9.18
June	1,753	94.79	5.21	1,998	90.36	9.64
July	1,778	94.52	5.48	1,998	91.74	8.26
August	1,815	96.49	3.51	2,042	93.76	6.24
September	1,858	98.78	1.22	2,101	96.46	3.54
October	1,869	99.36	.64	2,103	96.56	3.44
November	1,881	100.00	.....	2,143	98.39	1.61
December	1,867	99.28	.72	2,178	100.00	.....
Averages	1,800	.....	.....	2,041	.....	.....

Oils, Varnish, Etc. [4 Establishments.]

January	163	79.90	20.10	168	86.15	13.85
February	118	57.84	42.16	169	86.67	13.33
March	81	39.71	60.29	84	43.08	56.92
April	82	40.20	59.80	89	45.64	54.36
May	73	35.78	64.22	80	41.03	58.97
June	71	34.80	65.20	75	38.46	61.54
July	67	32.84	67.16	82	42.05	57.95
August	87	42.65	57.35	77	39.49	60.51
September	93	45.69	54.31	154	78.97	21.03
October	177	86.78	13.22	154	78.97	21.03
November	204	100.00	.....	195	100.00	.....
December	201	98.53	1.47	195	100.00	.....
Averages	118	.....	.....	127	.....	.....

Paper Boxes, Tags, Etc. [13 Establishments.]

January	914	97.34	2.66	933	93.11	6.89
February	912	97.12	2.88	953	95.11	4.89
March	915	97.44	2.56	958	95.61	4.39
April	898	94.57	5.43	929	92.71	7.29
May	880	93.72	6.28	925	92.32	7.68
June	840	89.46	10.54	931	92.91	7.09
July	858	91.37	8.63	889	88.72	11.28
August	899	95.74	4.26	875	87.33	12.66
September	920	97.98	2.02	924	92.22	7.78
October	939	100.00	.....	975	97.31	2.69
November	936	99.68	.32	978	97.60	2.40
December	935	99.57	.43	1,002	100.00	.....
Averages	903	.....	.....	939	.....	.....

Table No. 23—Continued.

Paving and Paving Materials. [13 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	281	47.81	52.69	233	40.45	59.55
February	296	49.83	50.17	248	43.06	56.94
March	297	50.00	50.00	309	53.65	46.35
April	408	68.69	31.31	417	72.40	27.60
May	594	100.00	.....	516	89.58	10.42
June	508	84.68	15.32	527	91.49	8.51
July	508	85.62	14.48	546	94.79	5.21
August	487	81.99	18.01	576	100.00	.....
September	496	83.33	16.67	565	98.09	1.91
October	496	83.60	16.50	492	85.42	14.58
November	429	72.05	27.95	393	68.23	31.77
December	326	54.88	45.12	318	55.21	44.79
Averages	427	.....	.....	428	.....	.....

Photography and Materials. [11 Establishments.]

January	510	94.62	5.38	575	94.26	5.74
February	528	97.96	2.04	565	92.62	7.38
March	516	95.73	4.27	577	94.59	5.41
April	511	94.80	5.20	554	90.82	9.18
May	511	94.80	5.20	551	90.28	9.67
June	512	94.99	5.01	554	90.82	9.18
July	524	97.22	2.78	577	94.59	5.41
August	531	100.00	.....	595	97.54	2.46
September	516	95.73	4.27	602	96.69	3.31
October	515	95.55	4.45	608	99.34	0.66
November	518	96.10	3.90	608	99.67	0.33
December	533	98.89	1.11	610	100.00	.....
Averages	519	.....	.....	581	.....	.....

Pottery. [8 Establishments]

January	404	90.79	9.21	389	72.57	27.43
February	395	88.76	11.24	390	72.76	27.24
March	398	89.44	10.56	436	81.84	18.06
April	391	87.87	12.13	438	81.72	18.28
May	392	88.09	11.91	458	85.45	14.55
June	424	95.28	4.72	472	68.06	31.94
July	445	100.00	.....	484	90.30	9.70
August	420	94.38	5.62	497	92.72	7.28
September	437	98.20	1.80	529	98.69	1.31
October	425	95.51	4.49	519	96.83	3.17
November	397	89.21	10.79	536	100.00	.....
December	381	85.62	14.38	499	93.10	6.90
Averages	409	.....	.....	471	.....	.....

Table No. 23—Continued.

Printing, Publishing and Bookbinding. [53 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	3,231	96.02	3.98	3,401	97.37	2.63
February	3,283	97.56	2.44	3,312	94.82	5.18
March	3,284	97.59	2.41	3,450	98.77	1.23
April	3,185	94.65	5.35	3,391	96.51	3.49
May	3,166	94.09	5.91	3,386	96.94	3.06
June	3,232	96.05	3.95	3,312	94.82	5.18
July	3,213	95.48	4.52	3,341	95.65	4.35
August	3,249	96.55	3.45	3,429	98.17	1.83
September	3,321	96.69	3.31	3,425	98.05	1.95
October	3,252	96.64	3.36	3,438	98.43	1.57
November	3,310	98.37	1.63	3,468	99.28	.72
December	3,365	100.00	.....	3,493	100.00	.....
Averages	3,258	.....	.....	3,402	.....	.....

Railroad Construction and Equipment. [37 Establishments.]

January	12,151	96.44	3.56	13,650	98.35	1.65
February	12,322	97.80	2.20	13,544	97.59	2.41
March	12,380	96.28	3.72	13,488	97.18	2.82
April	12,032	95.50	4.50	13,749	99.06	.94
May	11,872	94.22	5.77	12,966	93.42	6.58
June	12,279	97.46	2.54	12,645	91.11	8.89
July	12,276	97.44	2.56	12,446	89.67	10.33
August	12,429	98.65	1.35	12,893	92.90	7.10
September	11,687	92.76	7.24	12,728	91.78	8.22
October	12,080	95.48	4.52	13,110	91.46	8.54
November	12,848	98.01	1.99	13,593	97.94	2.06
December	12,599	100.00	.....	13,879	100.00	.....
Averages	12,200	.....	.....	13,225	.....	.....

Roofing and Roofing Materials. [7 Establishments.]

January	182	43.02	51.98	208	54.31	45.69
February	166	43.80	56.20	187	48.83	51.17
March	219	57.78	42.22	261	68.15	31.85
April	266	70.18	29.82	307	80.16	19.84
May	314	82.85	17.15	348	90.86	9.14
June	385	88.29	11.61	383	94.78	5.22
July	329	86.81	13.19	383	92.17	7.83
August	378	100.00	.....	383	100.00	.....
September	305	80.47	19.53	305	79.63	20.37
October	244	64.38	35.62	288	75.20	24.80
November	248	65.44	34.56	256	66.84	33.16
December	225	59.37	40.63	228	58.22	41.78
Averages	268	.....	.....	290	.....	.....

Table No. 23—Continued.

Stone, Cut and Monumental. [9 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	183	48.16	51.84	210	40.60	49.40
February	170	44.74	55.26	192	46.27	53.73
March	190	50.00	50.00	253	60.96	39.04
April	232	66.32	33.68	385	92.77	7.23
May	318	83.68	16.32	379	91.33	8.67
June	343	90.26	9.74	382	92.06	7.96
July	342	90.00	10.00	385	92.77	7.23
August	353	92.89	7.11	406	97.59	2.41
September	351	92.87	7.63	405	97.59	2.41
October	380	100.00	.....	415	100.00	.....
November	330	86.84	13.16	394	94.94	5.06
December	232	61.05	38.95	341	83.17	17.83
Averages	287	.....	.....	346	.....	.....

Stone, Quarried. [2 Establishments.]

January	14	25.00	75.00	14	15.22	84.78
February	12	21.43	78.57	13	14.13	85.87
March	15	26.79	73.21	18	19.57	80.43
April	24	60.71	39.29	40	43.43	56.57
May	49	87.50	12.50	57	61.96	38.04
June	56	100.00	.....	66	71.74	28.26
July	47	83.93	16.07	70	76.09	23.91
August	49	87.50	12.50	78	82.61	17.39
September	44	78.57	21.43	70	76.09	23.91
October	41	73.21	26.79	71	77.17	22.83
November	49	87.50	12.50	80	86.96	13.04
December	42	75.00	25.00	92	100.00	.....
Averages	38	.....	.....	56	.....	.....

Stoves and Castings. [11 Establishments.]

January	1,067	89.60	10.20	965	84.62	15.38
February	1,145	97.28	2.72	1,093	93.04	6.96
March	1,177	100.00	.....	1,108	95.19	4.81
April	1,175	99.83	.17	1,069	91.75	8.25
May	1,118	94.99	5.01	1,067	93.38	6.62
June	1,153	97.96	2.04	1,114	95.70	4.30
July	856	72.73	27.27	1,137	97.68	2.32
August	1,118	94.99	5.01	1,164	100.00	.....
September	1,098	92.27	7.73	1,121	96.31	3.69
October	1,104	93.80	6.20	1,141	98.02	1.98
November	1,083	92.44	7.56	1,137	97.68	2.32
December	1,064	89.55	10.45	1,119	96.13	3.87
Averages	1,094	.....	.....	1,105	.....	.....

Table No. 23—Continued.

Surgical Instruments. [3 Establishments.]

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January	160	91.43	8.57	182	98.81	6.19
February	169	96.57	3.43	182	93.81	6.19
March	168	96.00	4.00	184	94.85	5.15
April	164	93.71	6.29	187	96.39	3.61
May	166	94.86	5.14	194	100.00	.....
June	170	97.14	2.86	190	97.94	2.06
July	168	96.00	4.00	189	97.42	2.58
August	168	96.00	4.00	191	96.45	1.55
September	175	100.00	.....	192	98.97	1.03
October	174	99.43	.57	190	97.94	2.06
November	174	99.43	.57	187	96.39	3.61
December	173	98.86	1.14	188	96.91	3.09
Averages	169	.....	.....	188	.....	.....

Tin and Copper Smithing. [7 Establishments.]

January	289	88.11	11.89	311	88.60	11.40
February	286	87.20	12.80	305	86.89	13.11
March	296	90.24	9.76	318	90.60	9.40
April	291	88.72	11.28	313	89.17	10.83
May	301	91.77	8.23	323	92.02	7.98
June	328	100.00	.....	351	100.00	.....
July	298	90.66	9.15	318	90.60	9.40
August	304	92.68	7.32	324	92.31	7.69
September	291	89.72	11.28	311	88.60	11.40
October	309	94.21	5.79	324	92.31	7.69
November	325	99.09	.91	342	97.44	2.56
December	316	96.34	3.66	336	95.73	4.27
Averages	303	.....	.....	323	.....	.....

Wire Goods. [4 Establishments.]

January	233	98.31	1.69	285	99.30	.70
February	237	100.00	.....	286	99.65	.35
March	236	99.58	.42	287	100.00	.....
April	235	99.16	.84	272	94.77	5.23
May	229	96.62	3.38	243	84.67	15.33
June	201	84.81	15.19	236	82.23	17.77
July	197	83.12	16.88	242	84.32	15.68
August	184	77.64	22.36	244	85.02	14.98
September	182	76.79	23.21	250	87.11	12.89
October	189	79.75	20.25	254	98.50	11.50
November	210	88.61	11.39	265	92.33	7.67
December	212	89.45	10.55	275	95.82	4.18
Averages	212	.....	.....	262	.....	.....

Table No. 23—Continued.

Wooden Goods. [5 Establishments.]

MONTHS.	1900.			1901.		
	Number of per- sons employed.	PERCENTAGES OF—		Number of per- sons employed.	PERCENTAGES OF—	
		Employ- ment.	Unemploy- ment.		Employ- ment.	Unemploy- ment.
January	153	91.06	8.94	155	78.28	21.72
February	166	92.18	7.82	162	81.82	18.18
March	163	91.06	8.94	174	87.88	12.12
April	171	95.53	4.47	182	91.92	8.08
May	179	100.00	.....	198	100.00	.....
June	179	100.00	.....	189	96.45	4.55
July	177	98.88	1.12	186	93.43	6.57
August	163	91.06	8.94	174	87.88	12.12
September	157	87.71	12.29	174	87.88	12.12
October	164	91.62	8.88	181	91.41	8.59
November	155	88.27	11.73	184	92.93	7.07
December	165	92.74	7.26	188	94.95	5.05
Averages	167	.....	.....	179	.....	.....

Woolen and Cotton Goods, Dyeing. [6 Establishments.]

January	789	95.52	4.48	828	95.28	4.72
February	783	94.79	5.21	830	95.51	4.49
March	808	97.82	2.18	842	96.89	3.11
April	823	99.64	.86	828	95.28	4.72
May	826	100.00	.....	822	94.59	5.41
June	802	97.09	2.91	820	94.36	5.64
July	801	96.97	3.03	830	95.51	4.49
August	816	98.79	1.21	841	93.78	6.22
September	824	99.76	.24	845	97.24	2.76
October	819	99.15	.85	838	96.20	3.80
November	811	98.18	1.82	836	95.20	4.80
December	821	99.39	.61	869	100.00	.....
Averages	810	.....	.....	836	.....	.....

This feature of employment is further set forth in the following table:

TABLE NO. 24—*Persons Employed (both sexes) by Months, with Percentages of Employment and Unemployment for the years 1900 and 1901.*

MONTHS.	1900.			1901.		
	Number of persons employed.	PERCENTAGES OF—		Number of persons employed.	PERCENTAGES OF—	
		Employment.	Unemployment.		Employment.	Unemployment.
January.....	74,566	96.28	3.72	78,165	91.62	8.38
February.....	74,695	96.44	3.56	78,087	91.58	8.47
March.....	75,586	97.59	2.41	79,710	92.43	6.57
April.....	75,250	97.16	2.84	80,492	94.35	5.65
May.....	75,185	97.08	2.92	79,444	93.12	6.88
June.....	76,636	98.96	1.06	78,341	91.83	8.17
July.....	74,735	96.50	3.50	77,007	90.27	9.73
August.....	77,117	99.57	0.43	81,671	95.78	4.27
September.....	77,449	100.00	.....	83,317	97.66	2.34
October.....	76,249	98.45	1.55	84,340	98.86	1.14
November.....	76,854	99.23	0.77	85,812	100.00	.....
December.....	77,321	99.83	0.17	84,649	99.22	0.78

This table shows the number of persons employed in each month with percentages of employment and unemployment, for all industries, month by month, for the years 1900 and 1901. It will be seen that the month of September in 1900 shows the greatest number employed, and is taken as 100 per cent. The greatest variation from this maximum number is found in the month of January, when the percentage of unemployment was 3.72. However, it is apparent from the table that fully 98 per cent were employed for the entire year. In 1901 the highest per cent of unemployment appears in the month of July, being 9.73, and the lowest, 0.78 per cent, in December. Considering the entire year, fully 95 per cent of employment is the record of all industries.

GREATEST NUMBER EMPLOYED.

The next presentation is the greatest number of persons employed:

TABLE NO. 25—*Greatest Number Employed.*

INDUSTRY.	Number of establishments.	1900.			1901.		
		Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Agricultural implements	29	4,038	3	4,041	3,906	3	3,909
Awnings, tents, etc.	4	239	191	430	251	199	450
Bakery products	5	221	100	321	211	132	343
Bicycles and tricycles	4	411	44	455	292	36	328
Boots and shoes	7	769	425	1,194	753	445	1,198
Boxes, barrels, kegs, etc.	30	3,378	31	3,409	3,654	35	3,689
Brick, tile and sewer pipe	26	1,543	.....	1,543	1,661	.....	1,661
Brooms and brushes	2	36	46	82	44	52	96
Building material, wood	39	2,233	.....	2,233	2,432	.....	2,432
Burial cases, coffins, etc.	4	314	79	393	312	96	398
Buttons and dress trimmings	4	132	74	206	127	106	233
Carriages and wagons	20	1,424	51	1,475	1,598	78	1,671
Cigars and tobacco	19	459	301	760	496	360	856
Clothing	45	1,505	2,208	3,713	1,556	2,404	3,960
Confectionery	6	187	397	584	201	442	644
Drugs and medicines	6	163	163	326	186	185	371
Electric apparatus, etc.	4	2,654	1,086	3,739	2,391	873	3,254
Electric light, power and gas	7	467	5	472	458	4	463
Fancy articles	6	132	147	279	149	137	286
Fertilizers	4	149	26	175	140	22	162
Food preparations	29	1,736	869	2,605	1,538	850	2,388
Furniture	52	3,901	127	4,028	4,130	141	4,371
Furnishing goods	10	115	1,016	1,131	190	1,088	1,278
Glass	7	1,324	40	1,364	1,358	42	1,400
Hats, caps, gloves and mittens	4	96	172	268	103	179	282
Hosiery and knit goods	3	204	412	616	248	460	708
Iron and steel, forgings, castings, etc.	23	7,126	64	7,190	7,229	66	7,295
Iron, structural and ornamental	9	974	.....	974	1,131	.....	1,131
Jewelry and watch cases	7	276	32	358	306	90	396
Leather and leather goods	15	840	56	896	890	58	948
Lithographing and engraving	3	233	37	270	235	51	286
Liquors, malt and distilled	13	650	8	668	669	9	678

Table No. 25—Concluded.

INDUSTRY.	Number of establishments.	1900.			1901.		
		Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Machines and machinery.....	50	3,814	62	3,876	4,177	84	4,261
Meats, packing and preserving.....	10	7,483	1,111	8,594	8,589	1,359	9,948
Metals and metallic goods.....	35	2,960	291	3,241	3,166	305	3,471
Milling, flour and feed.....	6	182	2	184	181	4	185
Millinery and lace goods.....	5	198	357	465	126	500	626
Models, lasts and patterns.....	3	138	.....	138	168	.....	168
Musical instruments.....	14	1,872	53	1,925	2,121	80	2,201
Oils, varnish, etc.....	4	202	10	212	201	9	210
Paper boxes, tags, etc.....	13	503	472	975	499	519	1,018
Paving and paving materials.....	13	611	1	612	586	1	586
Photography and materials.....	11	433	96	528	522	111	633
Pottery.....	8	476	1	477	525	1	526
Printing, publishing and book binding.....	53	2,565	957	3,522	2,657	1,001	3,658
Railroad construction and equipment....	37	14,263	8	14,271	15,067	11	15,078
Roofing and roofing materials.....	7	417	.....	417	438	2	440
Stone, cut and monumental.....	9	440	.....	440	472	.....	472
Stone, quarried.....	2	58	.....	58	110	.....	110
Stoves and castings.....	11	1,213	16	1,229	1,224	14	1,238
Surgical instruments and appliances.....	8	156	17	173	175	17	192
Tin and copper smithing.....	7	323	20	343	346	22	368
Wire goods.....	4	248	23	271	283	17	300
Wooden goods.....	5	194	5	199	202	5	207
Woolen and cotton goods, dyeing, etc....	6	403	424	827	412	449	861
All Industries.....	767	76,981	12,184	89,165	81,031	13,140	94,171

This table comprises what is termed the greatest number of persons employed in all industries represented in the 767 establishments. The greatest number here termed, of persons employed, is distinct from the average number heretofore treated. This greatest number is obtained from the given number appearing on the pay-roll of each establishment for one particular week in each year, mainly taken from the month in which the greatest number are employed. The final line in the table shows 76,981 males and 12,184 females, a total

of 89,165 in 1900, as against 81,031 males and 13,140 females, a total of 94,171 in 1901. The gain in 1901 in the number of males employed was 5.26 per cent, of females 7.85 per cent.

The following table shows the aggregate of the greatest number of persons employed in each industry, with the gain and loss in number; also the percentages:

TABLE NO. 26—*Greatest Number of Persons Employed (Both Sexes) for the years 1900 and 1901, with Increase and Decrease, by Industries.*

INDUSTRY.	Number of establishments.	GREATEST NUMBER OF PERSONS EMPLOYED.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Per- centages.
Agricultural implements.....	29	4,041	3,909	—132	—3.27
Awnings, tents, etc.....	4	430	450	+20	+4.65
Bakery products.....	5	331	343	+22	+6.85
Bicycles and tricycles.....	4	455	328	—127	—27.91
Boots and shoes.....	7	1,194	1,198	+4	+ .34
Boxes, barrels, kegs, etc.....	30	3,409	3,689	+280	+8.21
Brick, tile and sewer pipe.....	26	1,543	1,661	+118	+7.65
Brooms and brushes.....	2	82	96	+14	+17.07
Building material, wood.....	39	2,233	2,432	+199	+8.91
Burial cases, coffins, etc.....	4	393	398	+5	+1.27
Buttons and dress trimmings.....	4	206	233	+27	+8.25
Carriages and wagons.....	20	1,475	1,671	+196	+13.29
Cigars and tobacco.....	19	760	856	+96	+12.63
Clothing.....	45	3,713	3,960	+247	+6.65
Confectionery.....	6	594	644	+50	+10.28
Drugs and medicines.....	6	326	371	+45	+13.81
Electric apparatus, etc.....	4	2,739	2,254	—485	—12.97
Electric light, power and gas.....	7	472	462	—10	—2.12
Fancy articles.....	6	279	286	+7	+2.51
Fertilizers.....	4	175	162	—13	—7.43
Food preparations.....	29	2,605	2,388	—217	—8.33
Furniture.....	52	4,028	4,271	+243	+6.03
Furnishing goods.....	10	1,131	1,278	+147	+13.00
Glass.....	7	1,364	1,400	+36	+2.64
Hats, caps, gloves and mittens.....	4	268	282	+14	+5.24
Hosiery and knit goods.....	3	616	708	+92	+14.94
Iron and steel, forgings, castings, etc.....	28	7,190	7,296	+106	+1.46
Iron structural and ornamental.....	9	974	1,131	+157	+16.12

Table 26—Concluded.

INDUSTRY.	Number of establish- ments.	GREATEST NUMBER OF PERSONS EMPLOYED.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Per- centages.
Jewelry and watch cases.....	7	358	396	+38	+10.62
Leather and leather goods	15	896	948	+52	+5.81
Lithographing and engraving	3	270	286	+16	+5.93
Liquors, malt and distilled.....	18	658	678	+20	+3.04
Machines and machinery.....	50	3,876	4,261	+385	+9.93
Meats, packing and preserving	10	8,594	9,598	+1,004	+15.17
Metals and metallic goods.....	35	3,241	3,471	+230	+7.10
Milling, flour and feed.....	6	184	184	+1	+5.4
Millinery and lace goods	5	465	626	+161	+34.62
Models, lasts and patterns.....	3	138	168	+30	+21.74
Musical instruments.....	14	1,925	2,201	+276	+14.34
Oils, varnish, etc	4	212	210	—2	—9.4
Paper boxes, tags, etc.....	13	976	1,018	+43	+4.41
Paving and paving materials.....	13	612	596	—26	—4.25
Photography and materials	11	529	633	+105	+19.89
Pottery.....	8	477	526	+49	+10.27
Printing, publishing and bookbinding...	53	2,522	2,658	+136	+5.36
Railroad construction and equipment....	37	14,271	15,078	+807	+5.65
Roofing and roofing materials	7	417	440	+23	+5.52
Stone, cut and monumental	9	440	472	+32	+7.27
Stone, quarried.....	2	58	110	+52	+89.66
Stoves and castings.....	11	1,229	1,238	+9	+7.2
Surgical instruments and appliances	3	173	193	+19	+10.96
Tin and copper smithing.....	7	343	368	+25	+7.29
Wire goods	4	271	300	+29	+10.70
Wooden goods.....	5	199	207	+8	+4.02
Woolen and cotton goods, dyeing, etc....	6	827	861	+34	+4.11
All industries	767	89,165	94,171	+5,006	+5.61

For all industries, it will be seen that the gain in the number employed in 1901, compared with 1900, was 5,006 or 5.61 per cent. The largest gain in number was in meats, packing and preserving; the largest percentage of gain, 89.66, is shown in stone, quarried.

The following table presents the aggregate greatest number employed in each of the 21 selected industries, in other industries, and in all industries:

TABLE NO. 27—*Greatest Number of Persons (Both Sexes) Employed During the Years 1900 and 1901 in Twenty-one Leading Industries, "Thirty-four Industries" and "All Industries."*

INDUSTRY.	Number of establishments.	GREATEST NUMBER OF PERSONS EMPLOYED (BOTH SEXES).		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Number.	Percentages.
Agricultural implements.....	29	4,041	2,906	—123	—3.27
Awnings, tents, etc.....	4	430	450	+20	+4.65
Boxes, barrels, kegs, etc.....	30	2,409	2,699	+290	+8.21
Brick, tile and sewer pipe.....	28	1,543	1,661	+118	+7.65
Building material, wood.....	39	2,223	2,423	+199	+8.90
Carriages and wagons.....	20	1,475	1,671	+196	+13.29
Clothing.....	45	2,712	2,960	+247	+6.65
Electric apparatus, etc.....	4	2,739	2,254	—485	—12.97
Electric light, power and gas.....	7	472	462	—10	—2.12
Food preparations.....	29	2,605	2,386	—217	—8.33
Furniture.....	52	4,028	4,271	+243	+6.03
Iron and steel, forgings, castings, etc..	28	7,190	7,295	+105	+1.46
Iron, structural and ornamental.....	9	974	1,121	+157	+16.12
Liquors, malt and distilled.....	13	659	678	+20	+3.04
Machines and machinery.....	50	2,876	4,261	+1,385	+9.93
Meats, packing and preserving.....	10	8,594	9,896	+1,304	+15.17
Metals and metallic goods.....	35	2,241	2,471	+230	+7.10
Musical instruments.....	14	1,925	2,201	+276	+14.34
Printing, publishing and bookbinding.	53	2,522	2,656	+136	+3.86
Railroad construction and equipment..	37	14,271	15,078	+807	+5.65
Stoves and castings.....	11	1,229	1,238	+9	+ .73
Twenty-one Industries.....	545	72,168	77,056	+4,888	+5.31
Thirty-four Industries.....	222	15,997	17,115	+1,118	+6.99
All Industries.....	767	89,165	94,171	+5,006	+5.61

It is disclosed here that four of these selected industries show a loss in the number employed in 1901 as against the number in 1900. The gain shown for the 21 industries is 5.31 per cent; for other industries, 6.99 per cent, and for all industries, 5.61 per cent. In order to show more clearly the range of the greatest number and the average number the following table is presented:

TABLE NO. 28—*Average and Greatest Number of Persons Employed with Excess of Greatest over Average Number Employed.*

INDUSTRY.	Number of establishments.	1900			1901.		
		Greatest number.	Average number.	Excess.	Greatest number.	Average number.	Excess.
Agricultural implements.....	29	4,041	2,847	1,194	3,909	2,962	957
Awnings, tents, etc.....	4	430	385	45	450	309	141
Bakery products.....	5	321	271	50	343	300	43
Bicycles and tricycles.....	4	455	299	156	325	289	59
Boots and shoes.....	7	1,194	1,046	148	1,198	1,046	153
Boxes, barrels, kegs, etc.....	30	3,409	3,299	118	3,689	3,515	174
Brick, tile and sewer pipe.....	26	1,543	1,181	362	1,661	1,331	330
Brooms and brushes.....	2	82	66	16	96	84	12
Building material, wood.....	39	2,233	1,910	323	2,432	2,222	210
Burial cases, coffins, etc.....	4	393	355	38	393	389	9
Buttons and dress trimmings.....	4	206	206	.....	233	217	16
Carriages and wagons.....	20	1,475	1,211	264	1,671	1,396	273
Cigars and tobacco.....	19	760	725	35	866	868	12
Clothing.....	45	3,713	2,782	931	3,960	2,939	1,023
Confectionery.....	6	584	456	128	644	503	135
Drugs and medicines.....	6	326	255	71	371	273	98
Electric apparatus, etc.....	4	3,739	3,383	356	3,254	2,979	275
Electric light, power and gas.....	7	472	340	132	462	366	96
Fancy articles.....	6	279	253	26	286	277	9
Fertilizers.....	4	175	136	39	162	137	25
Food preparations.....	29	2,605	1,535	1,070	2,388	1,398	990
Furniture.....	52	4,028	3,643	385	4,271	3,841	430
Furnishing goods.....	10	1,131	1,007	124	1,278	1,100	178
Glass.....	7	1,364	1,114	250	1,400	1,122	278
Hats, caps, gloves and mittens.....	4	268	271	3	282	308	26
Hosiery and knit goods.....	3	616	631	5	708	715	7
Iron and steel forgings, castings, etc....	28	7,190	6,129	1,061	7,295	6,577	718
Iron, structural and ornamental.....	9	974	786	188	1,131	881	250

Table No. 28—Concluded.

INDUSTRY.	Number of es- tablishments	1900.			1901.		
		Greatest number.	Average number.	Excess.	Greatest number.	Average number.	Excess.
Jewelry and watch cases	7	358	318	40	396	353	43
Leather and leather goods	15	896	851	45	948	901	47
Lithographing and engraving	3	270	255	15	296	268	18
Liquors, malt and distilled	13	658	635	23	678	615	63
Machines and machinery	50	3,876	3,508	368	4,261	3,815	446
Meats, packing and preserving	10	8,594	7,513	1,081	9,898	8,041	1,857
Metals and metallic goods	35	3,241	2,786	455	3,471	3,057	414
Milling, flour and feed	6	184	178	6	185	180	5
Millinery and lace goods	5	465	352	113	626	399	227
Models, lasts and patterns	3	133	131	2	169	144	24
Musical instruments	14	1,925	1,800	125	2,201	2,041	160
Oils, varnish, etc	4	212	118	94	210	127	83
Paper boxes, tags, etc	18	975	903	72	1,018	939	79
Paving and paving materials	13	612	427	185	595	428	168
Photography and materials	11	523	519	4	633	581	52
Pottery	8	477	409	68	526	471	55
Printing, publishing and bookbinding ..	53	3,522	3,258	264	3,658	3,402	256
Railroad construction and equipment ..	37	14,271	12,200	2,071	15,078	13,226	1,852
Roofing and roofing materials	7	417	288	129	440	290	150
Stone, cut and monumental	9	449	287	162	473	346	126
Stone, quarried	2	58	38	20	110	56	54
Stoves and castings	11	1,229	1,094	135	1,238	1,106	132
Surgical instruments and appliances ..	3	173	169	4	192	188	4
Tin and copper smithing	7	343	303	40	368	323	45
Wire goods	4	271	212	59	300	262	38
Wooden goods	5	199	167	32	207	179	28
Woolen and cotton goods, dyeing, etc ..	6	327	310	17	361	336	25
All industries	757	89,165	75,968	13,197	94,171	80,881	13,290

This table gives both the greatest number of employed and the average number, of both males and females, in all the establishments and in all industries represented in these tables. The final line of the table gives the total for each year, also the total excess of the greatest over the average number. In 1900 the excess of the greatest over the average number was 17.37 per cent; in 1901 it was 16.43

per cent. The excess of the greatest over the average number has been referred to—the former being the number on some one particular pay-roll for a selected week, wherein the number of persons were given as earning a specified weekly wage; the latter number is found by taking the average of the total number of persons reported as employed each month.

CLASSIFIED WEEKLY WAGES, BY INDUSTRIES.

The following table presents the classification, by sex, of the weekly wages in each of the 767 establishments, by industries. The wages range from under \$5 per week to \$20 and over. The schedules returned by each establishment gives the number of persons appearing on the pay-roll for the week during which the greatest number was employed, and earning the specified weekly wages as set forth in the table. Attention is called to the fact that the persons here enumerated represent wage-earners only, exclusive of office help, clerks or other salaried persons:

TABLE NO. 29—*Classified Weekly Earnings of Greatest Number Employed, by Industries, for the Years 1900 and 1901.*

Agricultural Implements. [29 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5	184	.....	184	112	.....	112
\$5 but under \$6	101	.....	101	38	.....	38
6 but under 7	160	.....	160	163	.....	163
7 but under 8	438	2	436	430	2	432
8 but under 9	653	.....	653	540	.....	540
9 but under 10	890	1	890	339	1	340
10 but under 12	824	.....	824	430	.....	430
12 but under 15	599	.....	599	605	.....	605
15 but under 20	518	.....	518	516	.....	516
20 and over	46	.....	46	28	.....	28
Totals	4,038	3	4,041	2,906	3	2,909

Table No. 29—Continued.

Awnings, Tents, Etc. [4 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	51	73	124	51	70	121
\$5 but under \$6.....	21	36	57	16	56	72
6 but under 7.....	14	42	56	17	48	65
7 but under 8.....	13	37	50	25	13	38
8 but under 9.....	42	9	51	42	6	48
9 but under 10.....	20	1	21	15	4	19
10 but under 12.....	13	3	16	18	2	20
12 but under 15.....	46	.....	46	49	.....	49
15 but under 20.....	16	.....	16	13	.....	13
20 and over.....	3	.....	3	5	.....	6
Totals.....	239	191	430	251	199	450

Bakery Products. [5 Establishments.]

Under \$5.....	7	30	37	6	31	37
\$5 but under \$6.....	3	10	13	2	39	41
6 but under 7.....	3	34	37	5	30	35
7 but under 8.....	1	21	22	1	27	28
8 but under 9.....	6	2	8	7	2	9
9 but under 10.....	16	.....	16	17	.....	17
10 but under 12.....	45	1	46	42	1	43
12 but under 15.....	97	1	98	92	1	93
15 but under 20.....	37	1	38	33	1	34
20 and over.....	6	.....	6	6	.....	6
Totals.....	221	100	321	211	132	343

Bicycles and Tricycles. [4 Establishments.]

Under \$5.....	56	42	98	43	34	74
\$5 but under \$6.....	14	1	15	12	1	13
6 but under 7.....	57	1	58	40	1	41
7 but under 8.....	42	.....	42	24	.....	24
8 but under 9.....	13	.....	13	17	.....	17
9 but under 10.....	31	.....	31	19	.....	19
10 but under 12.....	31	.....	31	38	.....	38
12 but under 15.....	69	.....	69	37	.....	37
15 but under 20.....	83	.....	83	60	.....	60
20 and over.....	16	.....	16	12	.....	12
Totals.....	411	44	455	292	36	328

Table No. 29—Continued.

Boots and Shoes. [7 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5	95	106	201	78	101	179
\$5 but under \$6	32	44	76	37	38	75
6 but under 7	45	36	81	47	46	93
7 but under 8	61	44	105	47	42	89
8 but under 9	45	44	89	39	64	103
9 but under 10	71	45	116	48	51	99
10 but under 12	87	46	133	94	45	139
12 but under 15	121	54	175	111	53	164
15 but under 20	122	6	128	158	5	163
20 and over	90	.....	90	94	.....	94
Totals	769	425	1,194	753	445	1,198

Boxes, Barrels, Kegs, Etc. [30 Establishments.]

Under \$5	367	18	385	397	31	418
\$5 but under \$6	274	5	279	223	4	227
6 but under 7	306	5	311	335	8	343
7 but under 8	779	2	781	876	1	877
8 but under 9	272	.....	272	340	.....	340
9 but under 10	417	.....	417	383	.....	383
10 but under 12	336	.....	336	413	.....	413
12 but under 15	410	1	411	430	1	431
15 but under 20	190	.....	190	228	.....	228
20 and over	27	.....	27	31	.....	31
Totals	3,378	31	3,409	3,654	35	3,689

Brick, Tile and Sewer Pipe. [26 Establishments.]

Under \$5	51	.....	51	.....	.....
\$5 but under \$6	18	.....	19	.....	.....
6 but under 7	72	.....	65	.....	.....
7 but under 8	162	.....	133	.....	.....
8 but under 9	95	.....	82	.....	.....
9 but under 10	480	.....	524	.....	.....
10 but under 12	231	.....	229	.....	.....
12 but under 15	236	.....	257	.....	.....
15 but under 20	152	.....	210	.....	.....
20 and over	66	.....	89	.....	.....
Totals	1,543	.....	1,661	.....	.....

Table No. 29—Continued.

Brooms and Brushes. [2 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5	12	26	38	9	29	38
\$5 but under \$6	1	9	10	6	7	13
6 but under 7	4	5	9	1	5	6
7 but under 8	9	5	13	1	4	5
8 but under 9	2	1	4	1	6	7
9 but under 10	1	1	1	4	1	5
10 but under 12 .....	.....	.....	.....	10	.....	10
12 but under 15	3	.....	3	5	.....	5
15 but under 20	4	.....	4	5	.....	5
20 and over .....	.....	.....	.....	2	.....	2
Totals	36	46	82	44	52	96

Building Material, Wood. [39 Establishments.]

Under \$5	224	.....	249	.....	.....
\$5 but under \$6	93	.....	99	.....	.....
6 but under 7	130	.....	150	.....	.....
7 but under 8	175	.....	150	.....	.....
8 but under 9	174	.....	176	.....	.....
9 but under 10	343	.....	353	.....	.....
10 but under 12	223	.....	272	.....	.....
12 but under 15	561	.....	553	.....	.....
15 but under 20	230	.....	212	.....	.....
20 and over	70	.....	59	.....	.....
Totals	2,223	.....	2,432	.....	.....

Burial Cases, Coffins, Etc. [4 Establishments.]

Under \$5	15	32	47	8	31	39
\$5 but under \$6	4	10	14	5	12	17
6 but under 7	47	22	70	35	29	64
7 but under 8	2	5	7	2	4	6
8 but under 9	5	.....	5	9	1	10
9 but under 10	19	5	24	17	5	22
10 but under 12	47	1	48	48	1	49
12 but under 15	116	3	119	126	3	129
15 but under 20	47	.....	47	50	.....	50
20 and over	12	.....	12	12	.....	12
Totals	314	79	393	313	56	369

Table No. 29—Continued.

Buttons and Dress Trimmings. [4 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	18	18	36	17	28	45
\$5 but under \$6.....	14	30	44	12	49	61
6 but under 7.....	18	14	32	17	20	37
7 but under 8.....	25	9	34	23	6	29
8 but under 9.....	21	3	24	17	2	19
9 but under 10.....	11	11	22	14	1	15
10 but under 12.....	10	.....	10	12	.....	12
12 but under 15.....	9	.....	9	10	.....	10
15 but under 20.....	3	.....	3	3	.....	3
20 and over.....	3	.....	3	2	.....	2
Totals.....	132	74	206	127	106	233

Carriages and Wagons. [20 Establishments.]

Under \$5.....	102	20	122	127	20	147
\$5 but under \$6.....	49	9	58	67	10	77
6 but under 7.....	74	14	88	62	10	72
7 but under 8.....	162	5	167	152	13	165
8 but under 9.....	108	.....	108	130	3	133
9 but under 10.....	246	2	248	282	5	287
10 but under 12.....	243	1	244	253	6	259
12 but under 15.....	255	.....	255	258	3	261
15 but under 20.....	156	.....	156	217	3	220
20 and over.....	29	.....	29	50	.....	50
Totals.....	1,424	51	1,475	1,598	73	1,671

Cigars and Tobacco. [19 Establishments.]

Under \$5.....	23	112	145	25	124	159
\$5 but under \$6.....	24	64	88	27	98	125
6 but under 7.....	15	60	75	21	46	67
7 but under 8.....	4	17	21	8	21	29
8 but under 9.....	21	12	33	16	21	37
9 but under 10.....	25	15	40	30	18	48
10 but under 12.....	109	14	123	83	24	107
12 but under 15.....	117	5	122	144	7	151
15 but under 20.....	84	2	86	100	1	101
20 and over.....	27	.....	27	33	.....	33
Totals.....	459	301	760	496	360	856

STATISTICS OF LABOR.

Table No. 29—Continued.

Clothing. [45 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	41	536	577	23	553	576
\$5 but under \$6.....	30	364	394	15	371	386
6 but under 7.....	53	518	571	75	577	652
7 but under 8.....	67	251	318	78	296	374
8 but under 9.....	121	208	329	84	316	400
9 but under 10.....	107	133	240	112	155	267
10 but under 12.....	286	120	406	287	87	374
12 but under 15.....	343	53	396	296	51	347
15 but under 20.....	370	20	390	324	22	346
20 and over.....	298	5	303	252	6	258
Totals.....	1,505	2,208	3,713	1,556	2,404	3,960

Confectionery. [6 Establishments.]

Under \$5.....	20	237	257	28	298	326
\$5 but under \$6.....	9	62	71	11	68	79
6 but under 7.....	23	40	63	8	59	66
7 but under 8.....	30	6	36	20	14	34
8 but under 9.....	14	.....	14	23	2	25
9 but under 10.....	21	.....	21	12	2	14
10 but under 12.....	36	1	37	33	1	34
12 but under 15.....	20	.....	20	37	.....	37
15 but under 20.....	14	1	15	24	.....	24
20 and over.....	1	.....	1	6	.....	6
Total.....	187	397	584	201	443	644

Drugs and Medicines. [6 Establishments.]

Under \$5.....	4	128	132	4	143	147
\$5 but under \$6.....	2	20	22	4	21	25
6 but under 7.....	2	7	9	1	11	12
7 but under 8.....	11	3	14	10	4	14
8 but under 9.....	10	3	13	19	5	24
9 but under 10.....	20	2	22	26	.....	26
10 but under 12.....	30	.....	30	22	1	23
12 but under 15.....	32	.....	32	31	.....	31
15 but under 20.....	36	.....	36	43	.....	43
20 and over.....	16	.....	16	17	.....	17
Totals.....	162	163	325	186	186	371

Table No. 29—Continued.

Electric Apparatus. [4 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	322	396	708	346	347	693
\$5 but under \$6.....	326	496	821	261	230	491
6 but under 7.....	246	169	364	227	132	359
7 but under 8.....	294	43	337	219	67	286
8 but under 9.....	260	36	296	221	68	289
9 but under 10.....	236	6	242	212	4	216
10 but under 12.....	266	10	296	291	2	293
12 but under 15.....	410	.....	410	364	3	367
15 but under 20.....	266	.....	266	196	.....	196
20 and over.....	29	.....	29	25	.....	25
Totals.....	2,664	1,086	3,739	2,361	673	3,264

Electric Light, Power and Gas. [7 Establishments.]

Under \$5.....	11	3	13	7	1	8
\$5 but under \$6.....	16	2	18	9	1	10
6 but under 7.....	10	.....	10	14	.....	14
7 but under 8.....	4	.....	4	15	1	16
8 but under 9.....	4	.....	4	6	.....	6
9 but under 10.....	200	1	201	129	.....	129
10 but under 12.....	62	.....	62	66	1	69
12 but under 15.....	77	.....	77	106	.....	106
15 but under 16.....	63	.....	63	72	.....	72
16 but under 20.....	19	.....	19	23	.....	23
20 and over.....	.....	.....	.....	.....	.....	.....
Totals.....	467	6	472	468	4	463

Fancy Articles. [6 Establishments.]

Under \$5.....	3	36	39	6	40	46
\$5 but under \$6.....	3	49	52	8	41	49
6 but under 7.....	15	22	37	10	15	25
7 but under 8.....	11	15	26	14	12	26
8 but under 9.....	10	3	13	9	6	15
9 but under 10.....	23	4	26	23	4	27
10 but under 12.....	21	10	31	22	3	25
12 but under 15.....	26	4	30	40	11	51
15 but under 20.....	8	4	12	14	3	17
20 and over.....	3	.....	3	3	2	5
Totals.....	132	147	279	149	137	286

Table No. 29—Continued.

Fertilizers. [4 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5	1	12	13	2	8	10
\$5 but under \$6	1	13	14	1	13	14
6 but under 7	1	1	2	4	1	5
7 but under 8	8	.....	8	1	.....	1
8 but under 9	3	.....	3	.....	.....	.....
9 but under 10	41	.....	41	38	.....	38
10 but under 12	39	.....	39	43	.....	43
12 but under 15	34	.....	34	43	.....	43
15 but under 20	20	.....	20	5	.....	5
20 and over	1	.....	1	4	.....	4
Totals	149	26	175	140	22	162

Food Preparations. [29 Establishments.]

Under \$5	151	302	453	155	348	503
\$5 but under \$6	79	194	273	47	171	218
6 but under 7	189	177	366	130	121	251
7 but under 8	218	83	300	182	91	273
8 but under 9	182	16	198	93	16	109
9 but under 10	417	39	456	447	65	512
10 but under 12	388	56	444	342	33	375
12 but under 15	172	1	173	144	3	147
15 but under 20	51	2	53	51	2	53
20 and over	19	.....	19	17	.....	17
Totals	1,736	869	2,605	1,538	850	2,388

Furniture. [52 Establishments.]

Under \$5	301	41	342	356	22	388
\$5 but under \$6	153	14	167	162	20	182
6 but under 7	247	29	295	219	44	263
7 but under 8	403	15	417	406	22	430
8 but under 9	259	7	296	360	9	369
9 but under 10	462	2	464	518	1	519
10 but under 12	740	2	742	754	5	759
12 but under 15	873	.....	873	889	2	891
15 but under 20	389	7	376	404	5	409
20 and over	65	1	66	60	1	61
Totals	3,901	127	4,028	4,130	141	4,271

Table No. 29—Continued.

Furnishing Goods. [10 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5	11	264	275	14	237	241
\$5 but under 6	11	128	149	16	162	178
6 but under 7	8	152	160	22	124	146
7 but under 8	4	120	124	19	123	142
8 but under 9	6	82	88	14	89	103
9 but under 10	10	72	82	21	68	89
10 but under 12	10	104	114	24	90	114
12 but under 15	15	56	71	20	60	80
15 but under 20	27	14	41	37	14	51
20 and over	12	2	14	12	2	14
Totals	115	1,016	1,131	190	1,066	1,256

Glass. [7 Establishments.]

Under \$5	290	30	420	264	30	414
\$5 but under 6	50	6	56	27	5	32
6 but under 7	122	.....	122	130	2	132
7 but under 8	22	1	24	22	1	23
8 but under 9	22	2	24	21	2	23
9 but under 10	48	.....	48	120	1	121
10 but under 12	114	.....	114	119	.....	119
12 but under 15	162	.....	162	98	.....	98
15 but under 20	83	.....	82	277	.....	277
20 and over	211	.....	211	128	.....	128
Totals	1,324	40	1,364	1,368	42	1,410

Hats, Caps, Gloves and Mittens. [4 Establishments.]

Under \$5	9	17	26	9	17	26
\$5 but under 6	6	19	25	7	20	27
6 but under 7	7	42	49	9	53	62
7 but under 8	10	21	31	12	20	32
8 but under 9	10	27	37	10	26	36
9 but under 10	11	16	27	12	18	30
10 but under 12	12	11	23	16	13	29
12 but under 15	16	16	32	7	12	19
15 but under 20	12	2	14	11	.....	11
20 and over	2	.....	2	11	.....	11
Totals	96	172	268	103	179	282

Table No. 29—Continued.

Hosiery and Knit Goods. [3 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	52	164	216	29	153	197
\$5 but under \$6.....	14	94	108	19	107	126
6 but under 7.....	17	61	78	20	53	102
7 but under 8.....	15	46	60	18	52	70
8 but under 9.....	18	33	51	25	40	65
9 but under 10.....	26	12	48	31	15	46
10 but under 12.....	26	3	29	36	.....	36
12 but under 15.....	16	1	17	35	5	40
15 but under 20.....	4	.....	4	16	1	17
20 and over.....	6	.....	6	9	.....	9
Totals.....	204	412	616	248	460	706

Iron and Steel Forgings, Castings, Etc. [28 Establishments]

Under \$5.....	166	2	168	148	4	153
\$5 but under \$6.....	105	.....	105	88	.....	88
6 but under 7.....	88	12	100	88	11	99
7 but under 8.....	153	10	163	149	12	161
8 but under 9.....	257	15	272	362	12	374
9 but under 10.....	1,448	25	1,473	1,433	22	1,455
10 but under 12.....	1,987	.....	1,987	1,914	5	1,919
12 but under 15.....	984	.....	984	991	.....	991
15 but under 20.....	890	.....	890	1,004	.....	1,004
20 and over.....	1,048	.....	1,048	1,153	.....	1,153
Totals.....	7,126	64	7,190	7,329	68	7,396

Iron, Structural and Ornamental. [9 Establishments.]

Under \$5.....	10	.....	17	.....	.....
\$5 but under \$6.....	5	.....	9	.....	.....
6 but under 7.....	17	.....	18	.....	.....
7 but under 8.....	9	.....	10	.....	.....
8 but under 9.....	19	.....	9	.....	.....
9 but under 10.....	214	.....	251	.....	.....
10 but under 12.....	188	.....	206	.....	.....
12 but under 15.....	217	.....	219	.....	.....
15 but under 20.....	228	.....	240	.....	.....
20 and over.....	117	.....	152	.....	.....
Totals.....	974	.....	1,121	.....	.....

Table No. 29—Continued.

Jewelry and Watch Cases. [7 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes ^a	Males.	Females.	Both sexes
Under \$5.....	26	19	45	30	22	52
5 but under 6.....	10	2	12	11	3	14
6 but under 7.....	9	16	25	10	18	28
7 but under 8.....	10	38	48	13	40	53
8 but under 9.....	2	.....	2	2	1	3
9 but under 10.....	2	4	11	10	4	14
10 but under 12.....	37	2	39	25	1	26
12 but under 14.....	49	.....	49	65	1	66
14 but under 20.....	82	.....	82	88	.....	88
20 and over.....	44	.....	44	52	.....	52
Totals.....	276	52	358	206	90	296

Leather and Leather Goods. [15 Establishments.]

Under \$.....	55	24	79	53	30	72
5 but under 6.....	31	12	43	24	15	39
6 but under 7.....	37	5	42	27	9	36
7 but under 8.....	53	9	62	54	9	63
8 but under 9.....	41	1	42	45	1	46
9 but under 10.....	123	1	124	129	1	130
10 but under 12.....	182	3	185	208	3	210
12 but under 15.....	178	1	179	189	1	190
15 but under 20.....	113	.....	113	127	.....	127
20 and over.....	26	.....	26	32	.....	32
Totals.....	840	56	896	890	68	948

Lithographing and Engraving. [3 Establishments.]

Under \$5.....	38	22	60	33	26	69
5 but under 6.....	9	5	14	9	5	14
6 but under 7.....	7	6	13	10	6	16
7 but under 8.....	6	2	9	4	2	7
8 but under 9.....	6	1	7	5	1	6
9 but under 10.....	12	.....	12	11	.....	11
10 but under 12.....	24	.....	24	16	.....	16
12 but under 15.....	25	.....	25	36	.....	36
15 but under 20.....	22	.....	22	26	.....	26
20 and over.....	81	.....	81	66	.....	66
Totals.....	233	37	270	235	51	286

Table No. 29—Continued.

Liquors, Malt and Distilled. [13 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	44	6	50	43	7	49
\$5 but under \$6.....	12	2	14	8	2	10
6 but under 7.....	23	.....	23	16	.....	16
7 but under 8.....	27	.....	27	31	.....	31
8 but under 9.....	26	.....	26	18	.....	18
9 but under 10.....	81	.....	81	89	.....	89
10 but under 12.....	64	.....	64	73	.....	73
12 but under 15.....	208	.....	208	209	.....	209
15 but under 20.....	151	.....	151	178	.....	178
20 and over.....	14	.....	14	14	.....	14
Totals.....	650	8	658	669	9	678

Machines and Machinery. [50 Establishments.]

Under \$5.....	218	15	233	240	24	264
\$5 but under \$6.....	126	12	138	119	9	128
6 but under 7.....	92	10	102	121	10	131
7 but under 8.....	253	7	260	251	8	259
8 but under 9.....	264	12	276	251	22	273
9 but under 10.....	521	3	524	634	2	636
10 but under 12.....	551	1	552	653	.....	653
12 but under 15.....	520	1	521	798	9	807
15 but under 20.....	777	1	778	879	.....	879
20 and over.....	92	.....	92	131	.....	131
Totals.....	3,814	62	3,876	4,177	84	4,261

Meats, Packing and Preserving. [10 Establishments.]

Under \$5.....	137	270	407	167	328	495
\$5 but under \$6.....	288	162	450	294	283	577
6 but under 7.....	241	269	510	221	236	457
7 but under 8.....	160	181	341	227	121	348
8 but under 9.....	73	102	175	154	202	356
9 but under 10.....	2,530	76	2,606	2,548	152	2,700
10 but under 12.....	1,635	26	1,661	2,144	27	2,171
12 but under 15.....	1,405	25	1,430	1,630	10	1,640
15 but under 20.....	766	.....	766	857	.....	857
20 and over.....	248	.....	248	297	.....	297
Totals.....	7,483	1,111	8,594	8,539	1,359	9,898

Table No. 29—Continued.

Metals and Metallic Goods. [35 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	323	100	423	344	150	494
\$5 but under \$6.....	112	18	130	112	18	130
6 but under 7.....	141	66	207	155	117	272
7 but under 8.....	228	104	332	234	6	240
8 but under 9.....	258	2	260	219	2	221
9 but under 10.....	606	.....	606	536	1	537
10 but under 12.....	423	1	424	589	1	590
12 but under 15.....	451	.....	451	450	.....	450
15 but under 20.....	337	.....	337	440	.....	440
20 and over.....	72	.....	72	87	.....	87
Totals	2,960	291	3,251	3,166	306	3,471

Milling, Flour and Feed. [6 Establishments.]

Under \$5.....	2	.....	2	3	1	4
\$5 but under \$6.....	.....	.....	.....	.....	.....	.....
6 but under 7.....	6	.....	6	2	.....	2
7 but under 8.....	25	.....	25	29	1	30
8 but under 9.....	12	.....	12	8	.....	8
9 but under 10.....	69	.....	69	60	.....	60
10 but under 12.....	25	.....	25	22	.....	22
12 but under 15.....	28	.....	28	32	.....	32
15 but under 20.....	16	1	17	16	1	17
20 and over.....	9	1	10	9	1	10
Totals	182	2	184	181	4	185

Millinery and Lace Goods. [5 Establishments.]

Under \$.....	8	51	59	9	100	109
\$5 but under \$6.....	9	68	77	10	79	89
6 but under 7.....	9	53	61	10	76	86
7 but under 8.....	6	29	35	12	31	43
8 but under 9.....	3	39	42	4	55	59
9 but under 10.....	12	22	34	17	41	58
10 but under 12.....	17	34	51	20	43	63
12 but under 15.....	20	36	56	14	44	58
15 but under 20.....	10	23	33	16	29	45
20 and over.....	14	8	17	14	2	16
Totals	108	267	375	126	500	626

Table No. 29—Continued.

Models, Lasts and Patterns. [3 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	6	.....	.....	6	.....	.....
\$5 but under \$6.....	7	.....	.....	8	.....	.....
6 but under 7.....	8	.....	.....	6	.....	.....
7 but under 8.....	8	.....	.....	12	.....	.....
8 but under 9.....	5	.....	.....	8	.....	.....
9 but under 10.....	9	.....	.....	12	.....	.....
10 but under 12.....	12	.....	.....	20	.....	.....
12 but under 15.....	19	.....	.....	18	.....	.....
15 but under 20.....	52	.....	.....	63	.....	.....
20 and over.....	18	.....	.....	15	.....	.....
Totals.....	128	.....	.....	168	.....	.....

Musical Instruments. [14 Establishments.]

Under \$5.....	86	20	106	77	26	113
\$5 but under \$6.....	57	10	67	79	16	95
6 but under 7.....	94	10	104	101	17	118
7 but under 8.....	163	4	167	201	1	202
8 but under 9.....	137	2	139	164	2	166
9 but under 10.....	191	.....	191	256	1	257
10 but under 12.....	239	7	246	279	7	286
12 but under 15.....	313	.....	313	334	.....	334
15 but under 20.....	396	.....	396	422	.....	422
20 and over.....	196	.....	196	208	.....	208
Totals.....	1,872	53	1,925	2,121	80	2,201

Oils, Varnish, Etc. [4 Establishments.]

Under \$5.....	11	8	19	2	8	10
\$5 but under \$6.....	.....	1	1	1	1	2
6 but under 7.....	15	1	16	19	.....	19
7 but under 8.....	44	.....	44	52	.....	52
8 but under 9.....	16	.....	16	13	.....	13
9 but under 10.....	13	.....	13	16	.....	16
10 but under 12.....	54	.....	54	48	.....	48
12 but under 15.....	44	.....	44	47	.....	47
15 but under 20.....	5	.....	5	8	.....	8
20 and over.....	.....	.....	.....	.....	.....	.....
Totals.....	202	10	212	201	9	210

Table No. 29—Continued.

Paper Boxes, Tags, Etc. [13 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	43	196	237	41	224	265
\$5 but under \$6.....	33	81	114	23	96	118
6 but under 7.....	20	73	93	22	61	83
7 but under 8.....	64	53	117	66	51	109
8 but under 9.....	51	34	85	40	40	80
9 but under 10.....	91	22	113	83	24	107
10 but under 12.....	73	14	87	83	24	107
12 but under 15.....	66	.....	66	80	.....	80
15 but under 20.....	46	.....	46	50	.....	50
20 and over.....	17	.....	17	19	.....	19
Totals.....	503	472	975	499	519	1,018

Paving and Paving Materials. [13 Establishments.]

Under \$5.....	1	.....	1	2	.....	2
\$5 but under \$6.....	.....	1	1	.....	.....	.....
6 but under 7.....	.....	.....	.....	.....	.....	.....
7 but under 8.....	.....	.....	.....	1	.....	1
8 but under 9.....	31	.....	31	1	.....	1
9 but under 10.....	144	.....	144	177	.....	177
10 but under 12.....	204	.....	204	181	1	183
12 but under 15.....	83	.....	83	62	.....	63
15 but under 20.....	77	.....	77	94	.....	94
20 and over.....	71	.....	71	67	.....	67
Totals.....	611	1	612	585	1	586

Photography and Materials [11 Establishments.]

Under \$5.....	56	23	89	54	42	96
\$5 but under \$6.....	25	11	36	45	19	64
6 but under 7.....	28	13	41	28	10	38
7 but under 8.....	17	11	28	19	9	28
8 but under 9.....	12	4	16	17	7	24
9 but under 10.....	18	2	20	10	3	13
10 but under 12.....	23	4	27	21	.....	21
12 but under 15.....	60	6	66	73	9	82
15 but under 20.....	59	3	62	47	2	49
20 and over.....	135	8	143	208	10	218
Totals.....	423	96	523	522	111	633

Table No. 29—Continued.

Pottery. [8 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	5	.....	5	6	.....	6
\$5 but under \$6.....	7	.....	7	8	.....	8
6 but under 7.....	31	1	32	24	1	25
7 but under 8.....	40	.....	40	27	.....	27
8 but under 9.....	70	.....	70	75	.....	75
9 but under 10.....	218	.....	218	242	.....	242
10 but under 12.....	46	.....	46	59	.....	59
12 but under 15.....	34	.....	34	35	.....	35
15 but under 20.....	18	.....	18	20	.....	20
20 and over.....	7	.....	7	18	.....	18
Totals.....	476	1	477	525	1	526

Printing, Publishing and Bookbinding. [53 Establishments.]

Under \$5.....	274	334	608	244	363	607
\$5 but under \$6.....	87	137	224	104	146	250
6 but under 7.....	100	156	256	96	190	286
7 but under 8.....	116	184	300	116	144	260
8 but under 9.....	129	77	215	140	83	223
9 but under 10.....	141	49	190	142	45	187
10 but under 12.....	236	25	321	252	26	278
12 but under 15.....	369	29	398	414	16	430
15 but under 20.....	718	13	731	790	15	805
20 and over.....	326	3	329	359	3	362
Totals.....	2,565	367	3,522	2,657	1,001	3,658

Railroad Construction and Equipment. [37 Establishments.]

Under \$5.....	183	.....	183	210	.....	210
\$5 but under \$6.....	237	.....	237	168	.....	168
6 but under 7.....	579	1	580	699	4	703
7 but under 8.....	1,635	5	1,640	1,661	5	1,666
8 but under 9.....	1,953	.....	1,953	2,391	.....	2,391
9 but under 10.....	2,241	2	2,243	2,575	2	2,577
10 but under 12.....	2,237	.....	2,237	2,164	.....	2,164
12 but under 15.....	2,492	.....	2,492	2,636	.....	2,636
15 but under 20.....	1,899	.....	1,899	1,994	.....	1,994
20 and over.....	607	.....	607	569	.....	569
Totals.....	14,263	8	14,271	15,067	11	15,078

Table No. 29—Continued.

Roofing and Roofing Materials. [7 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	1			3		3
\$5 but under \$6.....	3			1		1
6 but under 7.....	3			3		3
7 but under 8.....	4			4		4
8 but under 9.....	3			3	1	4
9 but under 10.....	13			17		17
10 but under 12.....	53			53		53
12 but under 15.....	131			132	1	133
15 but under 20.....	146			157		157
20 and over.....	63			68		68
Totals.....	417			438	2	440

Stone, Cut and Monumental. [9 Establishments.]

Under \$5.....	8			7		
\$5 but under \$6.....	4			2		
6 but under 7.....	1			5		
7 but under 8.....	8			1		
8 but under 9.....	4			6		
9 but under 10.....	99			83		
10 but under 12.....	112			151		
12 but under 15.....	50			63		
15 but under 20.....	75			68		
20 and over.....	79			82		
Totals.....	440			473		

Stone, Quarried. [2 Establishments.]

Under \$5.....				1		
\$5 but under \$6.....						
6 but under 7.....						
7 but under 8.....						
8 but under 9.....						
9 but under 10.....						
10 but under 12.....	49			57		
12 but under 15.....	3			11		
15 but under 20.....	3			15		
20 and over.....	3			26		
Totals.....	58			110		

Table No. 29—Continued.

Stoves and Castings. [11 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	107	14	121	94	14	108
\$5 but under \$6.....	41	2	43	28	.....	28
6 but under 7.....	50	.....	50	49	.....	49
7 but under 8.....	131	.....	131	96	.....	96
8 but under 9.....	93	.....	93	85	.....	85
9 but under 10.....	158	.....	158	199	.....	199
10 but under 12.....	140	.....	140	164	.....	164
12 but under 15.....	186	.....	186	203	.....	203
15 but under 20.....	187	.....	187	190	.....	190
20 and over.....	121	.....	121	116	.....	116
Totals.....	1,212	16	1,229	1,234	14	1,238

Wire Goods. [4 Establishments.]

Under \$5.....	41	17	58	38	8	46
\$5 but under \$6.....	30	2	32	40	3	43
6 but under 7.....	24	2	26	30	.....	30
7 but under 8.....	25	1	26	34	2	36
8 but under 9.....	53	.....	53	29	.....	29
9 but under 10.....	20	1	21	43	1	44
10 but under 12.....	26	.....	26	43	.....	43
12 but under 15.....	16	.....	16	21	.....	21
15 but under 20.....	13	.....	13	16	.....	16
20 and over.....	.....	.....	.....	.....	.....	.....
Totals.....	248	23	271	283	17	300

Wooden Goods. [5 Establishments.]

Under \$5.....	6	4	10	7	4	11
\$5 but under \$6.....	12	1	13	13	1	14
6 but under 7.....	11	.....	11	14	.....	14
7 but under 8.....	17	.....	17	24	.....	24
8 but under 9.....	31	.....	31	24	.....	24
9 but under 10.....	58	.....	58	64	.....	64
10 but under 12.....	14	.....	14	15	.....	15
12 but under 15.....	31	.....	31	17	.....	17
15 but under 20.....	24	.....	24	24	.....	24
20 and over.....	.....	.....	.....	.....	.....	.....
Totals.....	194	5	199	202	5	207

Table No. 29—Concluded.

Woolen and Cotton Goods, Dyeing, Etc. [6 Establishments.]

CLASSIFICATION OF WEEKLY EARNINGS.	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5	49	126	174	49	140	188
\$5 but under \$6	53	50	103	48	62	110
6 but under 7	84	139	223	90	145	235
7 but under 8	58	68	123	55	67	122
8 but under 9	47	12	60	53	18	66
9 but under 10	44	7	51	41	3	44
10 but under 12	33	18	51	20	16	36
12 but under 15	19	2	19	35	1	37
15 but under 20	18	2	20	16	.....	16
20 and over	2	1	3	4	2	6
Totals	408	424	627	412	449	861

Summary.

All industries	76,981	12,184	89,165	81,031	13,140	94,171
Under \$5	4,449	3,951	8,400	4,560	4,328	8,888
\$5 but under \$6	2,669	2,277	4,946	2,502	2,324	4,826
6 but under 7	3,628	2,240	5,868	3,730	2,363	6,093
7 but under 8	6,436	1,409	7,845	6,297	1,351	7,648
8 but under 9	6,097	788	6,885	6,469	1,128	7,597
9 but under 10	13,336	574	13,910	14,132	724	14,856
10 but under 12	12,576	517	13,093	13,472	480	13,952
12 but under 15	13,102	300	13,402	13,706	309	14,015
15 but under 20	10,080	103	10,183	11,314	104	11,418
20 and over	4,608	25	4,633	4,749	29	4,878

The last presentation of the foregoing series of exhibits is the summary of the number of persons, males and females, receiving the specified amounts per week as wages.

The aggregates of Table 29 are reduced to percentages in the following table:

TABLE NO. 30.—*Percentages of the Number Receiving the Classified Weekly Earnings, Greatest Number Employed, "All Industries," for the Years 1900 and 1901.*

CLASSIFICATION OF WEEKLY EARNINGS.	1900.		1901.	
	Males.	Females.	Males.	Females.
Under \$5.....	52.96	47.04	51.31	48.69
\$5 but under \$6.....	53.96	46.04	51.84	48.16
6 but under 7.....	61.83	38.17	61.22	38.78
7 but under 8.....	82.04	17.96	82.34	17.66
8 but under 9.....	89.55	11.45	86.15	14.85
9 but under 10.....	95.87	4.13	95.13	4.87
10 but under 12.....	96.05	3.95	96.56	3.44
12 but under 15.....	97.76	2.24	97.79	2.21
15 but under 20.....	98.99	1.01	99.09	.91
20 and over.....	99.46	.54	99.41	.59
Averages.....	86.34	13.66	86.05	13.95

These percentages are for all industries and for the greatest number of persons employed. It will be noted that the percentages in each class for both years, 1900 and 1901, vary but slightly—the final line showing, for the former year, 86.34 per cent males and 13.66 per cent females; the latter year, males 86.05 per cent, females 13.95 per cent.

The lower-wage classes show corresponding percentages of males; the same class the higher percentages of females. However, females are represented in all classes. The classification of weekly wages is set forth in another form in the following table:

TABLE NO. 31.—*Percentages of the Number in Each Classification Earning Specified Weekly Wages, Greatest Number Employed, "All Industries," for the Years 1900 and 1901.*

CLASSIFICATION OF WEEKLY EARNINGS	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$5.....	5.78	22.43	9.42	5.63	22.94	9.44
\$5 but under \$6	3.47	18.69	5.55	3.09	17.69	5.12
6 but under 7	4.11	18.39	6.58	4.60	17.96	6.47
7 but under 8	8.36	11.57	8.80	7.77	10.28	8.12
8 but under 9	7.92	6.47	7.72	7.98	8.59	8.07
9 but under 10	17.22	4.71	15.09	17.44	5.51	15.78
10 but under 12	16.24	4.24	14.68	16.63	3.65	14.82
12 but under 15	17.02	2.46	15.08	16.92	2.35	14.88
15 but under 20	13.09	.84	11.42	13.96	.79	12.12
20 and over.....	5.99	.20	5.20	5.98	.22	5.18
Averages.....	100.00	100.00	100.00	100.00	100.00	100.00

The percentages here shown aggregate 100, and represent males, females and both sexes in the different classification of wages. A subdivision of the percentages of the wage classes ranging under and over \$9 presents the following:

CLASSIFICATION.	PERCENTAGES.					
	1900.			1901.		
	Males.	Females.	Both sexes.	Males.	Females.	Both sexes.
Under \$9.....	20.24	87.55	38.07	29.07	87.48	37.22
Over \$9.....	69.76	12.45	61.93	70.93	12.52	62.78

An examination of these figures for the two years shows for 1901 a decrease from 1900 of the number, both males and females, earning less than \$9 per week, and a corresponding increase in the number earning \$9 to \$20 and over.

It has been explained that the foregoing exhibits, as to weekly earnings, are based on the greatest number of persons employed. The percentages shown in Table 31 are wholly pertinent to the average number of persons employed, as shown in Table 16. The year 1901 only is considered in the following table:

TABLE No 32—*Classified Weekly Earnings of Average Number Employed for the year 1901.*

CLASSIFICATION OF WEEKLY WAGES.	NUMBER OF—		ESTIMATED WEEKLY WAGES OF—		PERCENTAGES OF—	
	Males.	Females.	Males.	Females.	Males.	Females.
Under \$5.....	3,948	3,544	\$ 15,792	\$14,176	52.70	47.30
\$5 but under 6.....	2,167	1,903	11,919	10,467	53.24	46.76
6 but under 7.....	3,236	1,934	20,969	12,571	62.52	37.48
7 but under 8.....	5,448	1,106	40,860	8,395	83.12	16.88
8 but under 9.....	5,596	924	47,566	7,954	85.63	14.17
9 but under 10.....	12,229	598	116,176	5,634	95.36	4.63
10 but under 12.....	11,661	393	123,271	4,323	96.74	3.25
12 but under 15.....	11,865	253	160,178	3,416	97.91	2.09
15 but under 20.....	9,789	85	171,308	1,488	99.14	0.86
20 and over.....	4,128	24	94,340	540	99.43	0.57
Totals.....	70,123	10,759	\$807,379	\$68,764	86.70	13.30

This table, as explained, gives the estimated average number of males and females earning the classified weekly wages, the amount of wages of each class for one week, and the percentages of males and females in each class.

The aggregate amount of wages for this one week is \$876,143, of which 92.15 per cent went to the males and 7.85 per cent to the females. Taking the aggregate wages paid by manufactures to males and females, as shown for Illinois in the United States census of 1900, eliminating the amount paid to children under 16 years of age, it is found that the percentage paid to males was 91.05 and to females 8.95, hence corroborating the reports as shown in the table.

The following table presents a comparison of the greatest number, years:

TABLE NO. 33—*Comparison of Classified Weekly Earnings of 1900 and 1901.*

YEAR.	NUMBER OF			
	Under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.
1900.....	4,449	2,069	2,628	6,436
1901.....	4,500	2,503	2,780	6,297
Number, increase (+) or decrease (—) in 1901...	+111	—167	+102	—139
Percentage, increase (+) or decrease (—) in 1901	+2.49	—6.36	+2.81	—2.16
	NUMBER OF			
	Under \$5.	\$5 but under \$6.	\$6 but under \$7.	\$7 but under \$8.
1900.....	2,951	2,377	2,240	1,409
1901.....	4,326	2,324	2,963	1,351
Number, increase (+) or decrease (—) in 1901...	+377	+47	+123	—58
Percentage, increase (+) or decrease (—) in 1901	+9.54	+2.06	+5.49	—4.12

both males and females, earning classified weekly wages for the two

*Greatest Number of Males and Females Employed for the years
All Industries.*

MALES EARNING—

\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	Total number receiving stated weekly wages during year.
6,097	12,336	12,576	12,103	10,080	4,606	76,991
6,469	14,122	12,472	12,706	11,514	4,849	81,031
+572	+786	+896	+604	+1,224	+241	+4,060
+6.10	+5.97	+7.12	+4.61	+12.24	+5.23	+5.26

FEMALES EARNING—

798	574	517	300	103	25	12,184
1,123	724	480	309	104	29	12,140
+240	+150	-37	+9	+1	+4	+866
+43.15	+25.12	-7.16	+3.00	+0.97	+16.00	+7.85

It will be noticed that, for males, the increase in the number receiving the classified wages for 1901 over 1900 is mainly from \$8, but under \$9, per week up to \$20 and over. The final column shows the total increase in number to be 4,950, or 5.26 per cent. For females the largest increase in number appears in those earning \$5 and under; however, the largest per cent of increase is found in the number earning from \$8 to \$10 and over \$20 per week. The total increase in number is 956, or 7.85 per cent.

WORKING TIME—DAYS IN OPERATION.

The following table presents the average number of days the establishments in each industry were in operation during each year, with the increase or decrease in 1901:

TABLE NO. 34—*Average Number of Days in Operation during the years 1900 and 1901, by Industries.*

INDUSTRY.	Number of establish- ments.	AVERAGE NUMBER OF DAYS IN OPERATION.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Days.	Per- centages.
Agricultural implements.....	29	285.90	282.72	—3.18	—1.11
Awnings, tents, etc.....	4	292.25	271.00	—21.25	—7.27
Bakery products.....	5	308.20	307.00	—1.20	—0.39
Bicycles and tricycles.....	4	270.75	277.00	+6.25	+2.31
Boots and shoes.....	7	285.57	287.85	+2.28	+0.80
Boxes, barrels, kegs, etc.....	30	271.27	274.93	+3.66	+1.35
Brick, tile and sewer pipe.....	25	216.12	223.35	+7.23	+3.34
Brooms and brushes.....	2	214.00	273.00	+59.00	+27.10
Building material, wood.....	39	284.59	291.92	+7.33	+2.50
Burial cases, coffins, etc.....	4	296.50	297.50	+1.00	+0.34
Button and dress trimmings.....	4	269.75	277.25	+7.50	+2.78
Carriages and wagons.....	30	284.90	297.25	+12.35	+4.33
Cigars and tobacco.....	19	291.11	297.37	+6.26	+2.15
Clothing.....	45	290.16	297.19	+7.02	+2.42
Confectionery.....	6	290.32	294.17	+3.84	+1.32
Drugs and medicines.....	6	308.17	308.00	—0.17	—0.06
Electric apparatus, etc.....	4	305.00	305.75	+0.75	+0.25
Electric light, power and gas.....	7	347.29	325.71	—21.58	—6.21
Fancy articles.....	6	296.83	296.00	—0.83	—0.28
Fertilizers.....	4	313.25	331.25	+18.00	+5.75
Food preparations.....	29	224.97	235.03	+10.06	+4.47
Furniture.....	52	300.46	301.40	+0.94	+0.31

Table No. 34—Continued.

INDUSTRY.	Number of establish- ments.	AVERAGE NUMBER OF DAYS IN OPERATION.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Days.	Per- centages.
Furnishing goods	10	305.40	305.10	—0.30	—0.10
Glass	7	279.43	271.71	—7.72	—2.76
Hats, caps, gloves and mittens.....	4	302.25	300.25	—2.00	—0.66
Hosiery and knit goods.....	3	278.67	306.67	+27.00	+9.69
Iron and steel, forgings, cast'gs, etc.	28	289.57	287.46	+7.89	+2.72
Iron structural and ornamental.....	9	333.33	301.67	—31.66	—9.50
Jewelry and watch cases.....	7	295.14	294.71	—0.43	—0.15
Leather and leather goods.....	15	305.93	306.13	+0.20	+0.07
Lithographing and engraving.....	3	308.33	308.00	—0.33	—0.11
Liquors, malt and distilled.....	13	316.54	316.23	—0.31	—0.10
Machines and machinery.....	50	300.24	300.00	—0.24	—0.11
Meats, packing and preserving.....	10	310.90	311.90	+1.00	+0.32
Metals and metallic goods.....	25	293.80	303.40	+9.60	+3.26
Milling, flour and feed.....	6	276.00	278.53	+2.53	+1.03
Millinery and lace goods	5	291.80	291.80	.....	.....
Models, lasts and patterns.....	3	304.67	302.33	—2.34	—0.77
Musical instruments.....	14	302.86	303.50	+0.64	+0.21
Oils, varnish, etc.....	4	232.25	249.50	+17.25	+7.43
Paper boxes, tags, etc.....	13	291.23	296.54	+4.31	+1.48
Paving and paving materials.....	13	229.23	233.92	+4.69	+2.05
Photography and materials.....	11	306.55	307.00	+0.45	+0.15
Pottery.....	8	283.50	285.75	+2.25	+0.79
Printing, publish'g and bookbind'g.	53	307.08	307.49	+0.41	+0.13
Railr'd construction and equipment	37	309.08	311.65	+2.57	+0.83
Roofing and roofing materials.....	7	280.71	280.71	.....	.....
Stone, cut and monumental	9	268.23	280.00	+11.78	+4.39
Stone, quarried	2	306.00	306.00	.....	.....
Stoves and castings.....	11	287.55	271.73	+4.18	+1.56
Surgical instrum'ts and appliances.	3	282.00	286.33	+4.33	+1.53
Tin and copper smithing	7	301.00	302.43	+1.43	+0.48
Wire goods.....	4	305.00	305.50	+0.50	+0.16
Wooden goods.....	5	269.00	273.00	+4.00	+1.49
Wool'n and cotton goods, dyeing, etc	6	302.83	303.83	.....	.....
All industries.....	767	289.04	291.53	+2.18	+1.10

The first two columns show the average number of days the establishments in each industry were in operation; the final line of the table shows the average days for all industries, being 288.04 in 1900 and 291.53 in 1901. The number of working days is considered as 306 for each year. In 1900 it will be seen that 11 industries, representing 159 establishments, were in operation more than the maximum time, while in 1901 the same number of industries, representing 168 establishments, exceeded the number considered for each year. For the 767 establishments the increase in 1901 over 1900 was 3.18 days, or 1.10 per cent.

WAGES PAID, BY INDUSTRIES.

The following table presents the total amount paid in wages by the 767 establishments represented in the 55 industries:

TABLE NO. 35—*Total Wages Paid by Industries, 1900 and 1901, with Increase or Decrease and Percentages.*

INDUSTRY.	Number of establishments	TOTAL WAGES PAID DURING THE YEARS—		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Per- centages.
Agricultural implements.....	29	\$1,440,628	\$1,460,002	+\$19,374	+1.34
Awnings, tents, etc.....	4	126,869	106,740	—18,129	—14.29
Bakery products.....	5	123,677	153,823	+20,146	+15.10
Bicycles and tricycles	4	144,333	130,416	—13,717	—9.50
Boots and shoes.....	7	490,596	514,715	+24,120	+4.92
Boxes, barrels, kegs, etc.....	30	1,066,244	1,167,063	+100,819	+9.46
Brick, tile and sewer pipe.....	26	549,547	665,669	+116,122	+21.13
Brooms and brushes.....	2	17,064	24,296	+7,232	+42.36
Building material, wood.....	39	893,178	1,097,805	+204,627	+22.91
Burial cases, coffins, etc.....	4	163,109	172,331	+9,222	+5.66
Button and dress trimmings.....	4	63,680	68,355	+4,675	+7.34
Carriages and wagons.....	20	580,714	696,880	+116,166	+19.83
Cigars and tobacco.....	19	331,135	370,576	+39,440	+11.91
Clothing	46	1,384,193	1,474,191	+89,998	+6.50
Confectionery	6	128,227	145,039	+16,812	+13.11
Drugs and medicines	6	89,269	106,080	+16,811	+17.71
Electric apparatus	4	1,622,614	1,440,901	—181,713	—11.30
Electric light, power and gas	7	191,628	208,749	+17,121	+8.94
Fancy articles	6	82,562	93,068	+10,506	+12.72
Fertilizers	4	75,792	76,421	+629	+0.83

Table No. 35—Concluded.

INDUSTRY.	Number of establish- ments.	TOTAL WAGES PAID DURING THE YEARS—		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Per- centages.
Food preparations.....	29	\$518,107	\$507,618	—\$10,489	—2.02
Furniture	53	1,614,418	1,788,225	+173,807	+10.77
Furnishing goods	10	347,673	366,629	+18,956	+5.45
Glass	7	609,621	632,794	+23,173	+3.80
Hats, caps, gloves and mittens.....	4	100,913	111,980	+11,067	+10.97
Hosiery and knit goods.....	3	220,041	262,357	+42,316	+19.23
Iron and steel forgings, castings, etc	28	3,946,260	4,239,903	+293,643	+7.19
Iron, structural and ornamental	9	474,060	524,732	+50,672	+10.69
Jewelry and watch cases	7	302,115	220,507	—181,392	—59.71
Leather and leather goods	15	323,843	412,047	+88,204	+27.26
Lithographing and engraving.....	3	158,243	165,151	+6,908	+4.37
Liquors, malt and distilled.....	13	355,566	404,511	+48,945	+13.78
Machines and machinery.....	50	1,789,209	1,955,761	+166,552	+9.31
Meats, packing and preserving	10	3,789,838	4,117,986	+328,148	+8.66
Metals and metallic goods.....	25	1,378,504	1,482,384	+103,880	+7.54
Milling, flour and feed.....	6	92,332	98,080	+5,748	+6.22
Millinery and lace goods	5	123,059	144,735	+21,676	+17.61
Models, lasts and patterns	3	77,516	89,120	+11,604	+14.97
Musical instruments.....	14	957,855	1,089,699	+131,844	+13.77
Oils, varnish, etc.....	4	53,148	65,743	+12,595	+23.70
Paper, boxes, tags, etc.....	12	315,612	336,386	+20,774	+6.58
Paving and paving materials.....	12	163,338	177,123	+13,785	+8.44
Photography and materials	11	342,454	383,574	+41,120	+12.01
Pottery.....	8	167,235	183,290	+16,055	+9.61
Printing, publishing and bookb'dg.	53	1,787,276	1,922,680	+135,404	+7.58
Railroad construction and equipm't.	37	6,489,291	7,302,592	+813,301	+12.53
Roofing and roofing materials.....	7	154,427	173,365	+18,938	+12.26
Stone, cut and monumental.....	9	212,982	253,671	+40,689	+19.10
Stone, quarried.....	2	14,628	23,922	+9,294	+63.53
Stoves and castings.....	11	540,448	561,318	+20,870	+3.86
Surgical instruments and appliance's	3	85,495	93,102	+7,607	+8.90
Tin and copper smithing.....	7	131,766	140,286	+8,520	+6.47
Wire goods	4	71,971	104,900	+32,929	+45.75
Wooden goods.....	5	60,331	65,204	+4,873	+8.08
Woolen and cotton goods, dyeing, etc	6	263,147	274,423	+11,276	+4.29
All Industries	767	\$37,547,360	\$40,887,741	+\$3,340,381	+8.90

The total amount paid in wages for all industries in 1900 was \$37,547,360 and \$40,887,741 for 1901, an increase of \$3,340,381, or 8.90 per cent. With the exception of four industries, the increase of wages paid in 1901 over 1900 is found in fertilizers, 0.83 per cent, to 97.78 per cent in stone, quarried. In the industries showing a decrease, it is not to be understood that all the establishments represented decreased in the amount paid in wages. Possibly the decrease may have been in one or more of them.

The following table presents the 21 selected industries in connection with other industries and all industries:

TABLE NO. 36—*Total Wages Paid in Twenty-one Leading Industries in the years 1900 and 1901, in "Thirty-four Industries" and in "All Industries."*

INDUSTRY.	Number of establishments	TOTAL AMOUNT PAID IN WAGES DURING THE YEARS—		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Per-centages.
Agricultural implements.....	29	\$1,440,628	\$1,460,003	+\$19,374	+1.34
Awnings, tents, etc.....	4	126,869	108,740	—18,129	—14.29
Boxes, barrels, kegs, etc.....	30	1,066,244	1,167,063	+100,839	+9.46
Brick, tile and sewer pipe.....	26	549,547	666,669	+116,122	+21.13
Building material, wood.....	39	593,178	1,097,805	+204,627	+22.91
Carriages and wagons.....	30	590,714	696,890	+116,166	+19.83
Clothing.....	45	1,384,192	1,474,191	+89,998	+6.50
Electric apparatus, etc.....	4	1,632,614	1,440,901	—191,713	—11.20
Electric light, power and gas.....	7	191,628	208,749	+17,121	+8.93
Food preparations.....	29	518,107	507,618	—10,489	—2.03
Furniture.....	52	1,614,418	1,789,226	+173,807	+10.77
Iron & steel, forgings, castings, etc	28	2,946,260	4,229,903	+283,643	+7.19
Iron, structural and ornamental ..	9	474,060	524,732	+50,672	+10.69
Liquors, malt and distilled.....	13	365,566	404,541	+38,975	+10.66
Machines and machinery.....	60	1,789,209	1,995,761	+206,552	+11.54
Meats, packing and preserving ...	10	2,739,828	4,117,996	+378,158	+10.11
Metals and metallic goods.....	36	1,378,504	1,482,384	+103,880	+7.54
Musical instruments.....	14	957,855	1,069,499	+121,644	+12.74
Printing, pub'g and bookbinding.	53	1,787,276	1,922,680	+135,404	+7.66
Railroad construct'n & equipment	37	6,489,291	7,302,592	+813,301	+12.52
Stoves and castings.....	11	540,443	561,318	+20,870	+3.86
Twenty-one industries.....	545	\$31,456,437	\$34,246,259	+\$2,789,822	+8.87
Thirty-four industries.....	222	6,090,923	6,641,482	+550,559	+9.04
All industries.....	767	\$37,547,360	\$40,887,741	+\$3,340,381	+8.90

Referring to the final line of the twenty-one industries, it is shown that the amount paid in wages in 1900 was \$31,456,437, or 83.78 per cent of the total for all industries; in 1901 the amount was \$34,246,259, or 83.76 per cent of the total. All of the industries but three show an increase in the amount paid in wages.

AVERAGE YEARLY EARNINGS, BY INDUSTRIES.

The following table shows the average yearly earnings in all industries for the years 1900 and 1901, with the increase and decrease with percentages:

TABLE NO. 37—*Average Yearly Earnings, by Industries, both Male and Female, for the years 1900 and 1901.*

INDUSTRY.	Number of establishments.	AVERAGE YEARLY EARNINGS.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Percentages.
Agricultural implements.....	29	3504 89	3494 58	—\$10 31	—2.04
Awnings, tents, etc.....	4	329 53	351 91	+22 38	+6.79
Bakery products	5	493 12	512 74	+19 64	+3.98
Bicycles and tricycles	4	483 72	484 83	+2 10	+0.44
Boots and shoes.....	7	469 08	492 55	+23 53	+5.01
Boxes, barrels, kegs, etc.....	30	157 33	304 26	+146 93	+90.33
Brick, tile and sewer pipe.....	26	465 32	500 13	+34 81	+7.48
Brooms and brushes.....	2	258 55	289 24	+30 69	+11.87
Building material, wood	39	484 49	494 06	+29 57	+6.37
Burial cases, coffins, etc	4	459 46	443 01	—16 45	—3.58
Button and dress trimmings	4	309 13	315 00	+5 87	+1.90
Carriages and wagons	20	479 53	497 77	+18 24	+3.80
Cigars and tobacco.....	19	456 74	436 93	—29 81	—6.53
Clothing.....	45	497 54	498 36	+82	+0.16
Confectionery	6	281 30	285 45	+4 25	+1.51
Drugs and medicines	6	350 07	364 54	+14 47	+4.85
Electric apparatus, etc	4	479 64	483 69	+4 05	+0.84
Electric light, power and gas	7	563 61	570 35	+6 74	+1.20
Fancy articles	6	326 33	335 98	+9 65	+2.96
Fertilizers	4	557 29	567 84	+55	+0.10
Food preparations.....	29	337 53	363 10	+25 57	+7.58
Furniture	52	443 15	465 56	+22 41	+5.06
Furnishing goods	10	335 23	324 21	—11 07	—3.30
Glass	7	547 24	563 99	+16 75	+3.06
Hats, caps, gloves and mittens.....	4	372 37	363 57	—8 80	—2.36

Table No. 37—Concluded.

INDUSTRY.	Number of establishments.	AVERAGE YEARLY EARNINGS.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Percentages.
Hosiery and knit goods.....	3	\$354 33	3365 93	+512 60	+3.55
Iron and steel, forgings, castings, etc....	28	643 87	643 11	—76	—0.02
Iron, structural and ornamental.....	9	603 12	595 61	—7 53	—1.25
Jewelry and watch cases.....	7	635 58	624 57	—10 91	—1.72
Leather and leather goods.....	15	427 55	458 43	+30 88	+7.22
Lithographing and engraving.....	3	620 56	616 23	—4 33	—0.70
Liquors, malt and distilled.....	13	624 90	657 79	+32 89	+5.26
Machines and machinery.....	50	510 04	523 14	+13 10	+2.57
Meats, packing and preserving.....	10	497 79	512 12	+14 33	+2.88
Metals and metallic goods.....	25	465 44	467 67	+1 23	+0.25
Milling, flour and feed.....	6	518 72	544 61	+25 89	+4.99
Millinery and lace goods.....	5	375 01	377 21	—80	—0.02
Models, lasts and patterns.....	3	591 73	618 89	+27 16	+4.59
Musical instruments.....	14	532 14	533 81	+1 67	+0.31
Oils, varnish, etc.....	4	492 78	517 66	+24 88	+5.05
Paper, boxes, tags, etc.....	13	349 51	358 25	+8 74	+2.50
Paving and paving materials.....	13	332 52	413 94	+81 32	+8.19
Photography and materials.....	11	659 53	660 20	+67	+0.06
Pottery.....	8	408 86	399 15	—19 71	—4.83
Printing, publishing and bookbinding....	53	558 83	563 20	+3 37	+0.60
Railroad construction and equipment....	37	531 91	553 11	+20 20	+3.80
Roofing and roofing materials.....	7	576 22	597 81	+21 59	+3.75
Stone, cut and monumental.....	9	742 10	723 15	—8 95	—1.21
Stone, quarried.....	2	394 95	516 64	+121 69	+34.21
Stoves and castings.....	11	494 01	507 98	+13 97	+2.83
Surgical instruments and appliances....	3	505 88	495 23	—10 65	—2.11
Tin and copper smithing.....	7	434 85	434 32	—53	—0.01
Wire goods.....	4	339 48	400 38	+60 90	+17.94
Wooden goods.....	5	300 19	364 27	+64 08	+21.35
Woolen and cotton goods, dyeing, etc....	6	324 87	328 25	+3 39	+1.04
All industries.....	767	\$460 43	\$476 04	+15 61	+3.41

The average yearly earnings shown in this table is found by dividing the aggregate amount paid in wages by each industry in Table 35 by the average number of persons employed, as shown in Table 16.

These average yearly earnings are for all persons, both male and female, and for skilled and unskilled wage-earners. In 1900 the average for all industries was \$460.23; in 1901, \$475.91, an increase of \$15.68, or 3.41 per cent.

The next presentation is a similar table, but for the selected industries:

TABLE NO. 38—*Average Yearly Earnings of the Aggregate Average Number of Persons Employed, Both Sexes, in Twenty-one Leading Industries during the years 1900 and 1901, in Thirty-four Industries and in All Industries.*

INDUSTRY.	Number of estab- lish- ments.	AVERAGE YEARLY EARNINGS.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Percent- ages.
Agricultural implements	29	\$504 89	\$494 58	—\$10 31	—2.04
Awnings, tents, etc.....	4	329 53	351 91	+22 38	+6.79
Boxes, barrels, kegs, etc.....	30	157 33	304 26	+146 93	+90.89
Brick, tile and sewer pipe	26	465 32	500 12	+34 81	+7.48
Building material, wood.....	39	464 49	494 06	+29 57	+6.37
Carriages and wagons	20	479 53	497 77	+18 24	+3.80
Clothing	45	497 54	498 36	+ 82	+0.16
Electric apparatus, etc.....	4	479 64	488 69	+4 05	+0.84
Electric light, power and gas.....	7	563 61	570 85	+6 74	+1.20
Food preparations.....	29	337 53	363 10	+25 57	+7.58
Furniture	52	443 15	465 56	+ 22 41	+5.06
Iron and steel, forgings, castings, etc....	28	643 87	643 11	— 76	—0.02
Iron, structural and ornamental	9	603 13	595 61	—7 52	—1.25
Liquors, malt and distilled.....	13	624 90	657 79	+32 89	+5.26
Machines and machinery	50	510 04	523 14	+13 10	+2.57
Meats, packing and preserving	10	497 79	512 12	+14 33	+2.88
Metals and metallic goods.....	35	466 44	467 67	+1 23	+0.26
Musical implements.....	14	532 14	533 81	+1 67	+0.31
Printing, publishing and book binding...	53	558 83	563 20	+3 37	+0.60
Railroad construction and equipment....	37	531 91	552 11	+20 20	+3.80
Stoves and castings.....	11	494 01	507 98	+13 97	+2.83
Twenty-one industries	545	\$485 08	\$503 78	+\$18 75	+3.87
Thirty-four industries	222	444 77	458 70	+13 93	+3.13
All industries.....	767	480 23	475 91	+15 68	+3.41

The average yearly earnings for the 21 selected industries in 1900 was \$485.03 and \$503.78 in 1901. This is an increase of \$18.75, or 3.87 per cent. Three of the 21 selected industries show a slight percentage of decrease.

The following tables, 39 and 40, show the average number of males, females and both sexes, with the average number of days, and yearly and daily earnings of both sexes:

TABLE No. 39—*Aggregate Average Number of Persons Employed and Average Yearly and Daily Earnings for the Year 1900.*

INDUSTRY.	Number of establishments.	NUMBER OF PERSONS EMPLOYED.			Average number of days in operation.	Average yearly earnings.	Average daily earnings.
		Males.	Females.	Both sexes.			
Agricultural implements.....	29	2,844	3	2,847	285.90	\$504.89	\$1.77
Awnings, tents, etc.....	4	233	153	386	292.25	329.53	1.13
Bakery products.....	5	187	84	271	308.20	493.12	1.60
Bicycles and tricycles.....	4	267	33	300	270.75	482.72	1.78
Boots and shoes.....	7	673	373	1,046	285.57	469.02	1.64
Boxes, barrels, kegs, etc.....	30	3,273	23	3,296	271.37	157.33	.58
Brick, tile and sewer pipe.....	26	1,181	.....	1,181	216.12	465.32	2.15
Brooms and brushes.....	2	24	42	66	214.00	258.85	1.21
Building material, wood.....	39	1,910	.....	1,910	284.59	464.49	1.63
Burial cases, coffins, etc.....	4	296	69	365	296.50	459.46	1.55
Buttons and dress trimmings....	4	108	98	206	269.75	309.13	1.15
Carriages and wagons.....	20	1,172	39	1,211	284.90	479.53	1.68
Cigars and tobacco.....	19	428	287	725	291.11	456.74	1.57
Clothing.....	45	961	1,821	2,782	290.16	508.23	1.75
Confectionery.....	6	163	274	436	290.33	281.30	.97
Drugs and medicines.....	6	139	116	255	308.17	350.07	1.14
Electric apparatus, etc.....	4	2,490	903	3,393	205.00	479.64	1.57
Electric light, power and gas....	7	336	4	340	347.29	563.61	1.63
Fancy articles.....	6	122	181	303	296.63	326.23	1.10
Fertilisers.....	4	118	19	136	313.25	557.29	1.78
Food preparations.....	29	1,045	490	1,535	224.97	337.53	1.50
Furniture.....	52	3,510	133	3,643	300.46	443.15	1.47
Furnishing goods.....	10	112	895	1,007	305.40	335.28	1.10
Glass.....	7	1,081	33	1,114	279.43	547.24	1.96
Hats, caps, gloves and mittens..	4	100	171	271	303.25	372.37	1.23

Table No. 39—Concluded.

INDUSTRY.	Number of establishments.	NUMBER OF PERSONS EMPLOYED.			Average number of days in operation.	Average yearly earnings.	Average daily earnings.
		Males.	Females.	Both sexes.			
Hosiery and knit goods.....	3	300	421	621	278.67	\$354.33	\$1.27
Iron, steel, forgings, casting, etc.	28	6,066	63	6,129	289.57	643.87	2.22
Iron, structural and ornamental.	9	786	.....	786	223.33	603.13	1.81
Jewelry and watch cases.....	7	272	46	318	295.14	635.58	2.15
Leather and leather goods.....	15	803	48	851	305.93	427.55	1.40
Lithographing and engraving....	3	228	27	255	308.33	629.56	2.01
Liquors, malt and distilled.....	13	578	7	585	316.54	624.90	1.97
Machines and machinery.....	50	3,458	50	3,508	300.34	510.04	1.70
Meats, packing and preserving..	10	6,617	896	7,513	310.90	497.79	1.60
Metals and metallic goods.....	35	2,523	258	2,786	293.80	466.44	1.56
Milling, flour and feed.....	6	176	2	178	276.00	518.72	1.88
Millinery and lace goods.....	5	83	269	352	291.80	378.01	1.30
Models, lasts and patterns.....	3	131	.....	131	304.67	591.73	1.94
Musical instruments.....	14	1,757	43	1,800	302.86	532.14	1.76
Oils, varnish, etc.....	4	109	9	118	232.25	492.79	2.12
Paper boxes, tags, etc.....	13	453	450	903	291.23	349.51	1.20
Paving and paving materials....	13	426	1	427	229.23	382.52	1.67
Photography and materials.....	11	436	83	519	306.55	659.83	2.15
Pottery.....	8	408	1	409	233.50	408.86	1.44
Printing, publishing, bookbind'g	53	2,401	867	3,268	307.08	558.83	1.83
R. R. construction and equipm't.	37	12,193	8	12,200	309.08	531.91	1.73
Roofing and roofing materials....	7	266	2	268	280.71	576.23	2.06
Stone, cut and ornamental.....	9	287	.....	287	268.22	742.10	2.77
Stone, quarried.....	2	38	.....	38	306.00	384.96	1.26
Stoves and castings.....	11	1,081	13	1,094	267.55	494.01	1.85
Surgical instruments, appliances	3	153	16	169	282.00	505.88	1.79
Tin and copper smithing.....	7	283	20	303	301.00	424.86	1.44
Wire goods.....	4	143	19	212	306.00	339.48	1.11
Wooden goods.....	5	163	5	167	269.00	300.19	1.12
Woolen, cot. goods, dyeing, etc..	6	377	433	810	308.33	324.87	1.07
All industries.....	767	65,730	10,233	75,963	288.51	\$460.43	\$1.60

TABLE NO. 40.—*Aggregate Average Number of Persons Employed and Average Yearly and Daily Earnings for the Year 1901.*

INDUSTRY.	Number of establishments.	NUMBER OF PERSONS EMPLOYED.			Average number days in operation	Average yearly earnings.	Average daily earnings.
		Males.	Females.	Both sexes.			
Agricultural implements.....	29	2,949	3	2,952	283.72	\$494.88	\$1.75
Awnings, tents, etc.....	4	172	137	309	271.00	351.91	1.30
Bakery products.....	5	201	99	300	307.00	512.74	1.67
Bicycles and tricycles.....	4	234	35	269	277.00	454.82	1.75
Boots and shoes.....	7	660	385	1,045	287.85	492.55	1.71
Boxes, barrels, kegs, etc.....	30	3,490	25	3,515	274.93	304.26	1.11
Brick, tile and sewer pipe.....	28	1,331	.....	1,331	323.35	500.13	2.34
Brooms and brushes.....	2	37	47	84	272.00	289.24	1.06
Building material, wood.....	39	2,222	.....	2,223	291.92	494.06	1.69
Burial cases, coffins, etc.....	4	299	90	389	297.50	443.01	1.49
Button and dress trimmings.....	4	125	91	217	277.25	315.00	1.14
Carriages and wagons.....	20	1,349	49	1,398	297.25	497.77	1.67
Cigars and tobacco.....	19	509	359	868	297.37	426.93	1.44
Clothing.....	45	1,018	1,920	2,938	297.18	506.17	1.70
Confectionery.....	6	187	321	508	294.17	285.45	.97
Drugs and medicines.....	6	146	127	273	308.00	384.54	1.25
Electric apparatus, etc.....	4	2,198	781	2,979	305.75	483.69	1.58
Electric light, power and gas....	7	382	4	386	325.71	570.35	1.75
Fancy articles.....	6	128	149	277	296.00	335.98	1.14
Fertilizers.....	4	123	14	137	331.25	557.84	1.68
Food preparations.....	29	924	474	1,398	235.03	383.10	1.54
Furniture.....	52	2,719	122	2,841	301.40	465.56	1.54
Furnishing goods.....	10	185	915	1,100	305.10	324.21	1.06
Glass.....	7	1,037	35	1,122	271.71	563.99	2.08
Hats, caps, gloves and mittens...	4	113	195	308	300.25	363.57	1.21
Hosiery and knit goods.....	3	241	474	715	305.67	355.93	1.20
Iron, steel, forgings, castings, etc.	28	6,517	60	6,577	297.46	643.11	2.16
Iron, structural and ornamental..	9	981	.....	981	301.67	595.61	1.97
Jewelry and watch cases.....	7	293	60	353	294.71	624.57	2.12
Leather and leather goods.....	15	849	52	901	306.13	488.43	1.50
Lithographing and engraving...	3	231	37	268	308.00	616.33	2.00
Liquors, malt and distilled.....	13	608	7	615	316.33	657.79	2.08
Machines and machinery.....	50	3,738	77	3,815	300.00	523.14	1.74
Meats, packing and preserving..	10	6,937	1,104	8,041	311.90	512.12	1.64

Table No. 40—Concluded.

INDUSTRY.	Number of establishments.	NUMBER OF PERSONS EMPLOYED.			Average number days in operation.	Average yearly earnings.	Average daily earnings.
		Males.	Females.	Both sexes.			
Metals and metallic goods.....	35	2,804	253	3,057	303.40	\$467 67	\$1 54
Milling, flour and feed.....	6	178	2	180	278.83	544 61	1 95
Millinery and lace goods	5	91	296	389	291.80	377 21	1 29
Models, lasts and patterns.....	3	144	.....	144	302.33	618 89	2 05
Musical instruments	14	2,082	9	2,041	303.50	533 81	1 76
Oils, varnish, etc.....	4	123	4	127	249.50	517 68	2 07
Paper boxes, tags, etc.....	13	466	473	939	295.54	358 25	1 21
Paving and paving materials	13	427	1	428	223.92	413 84	1 77
Photography and materials	11	486	95	581	307.00	660 20	2 15
Pottery	8	470	1	471	285.75	389 15	1 36
Printing, publishing, bookbind'g	53	2,543	859	3,402	307.49	562 20	1 83
R. R. construction and equipm't.	37	13,214	11	13,225	311.65	552 11	1 77
Roofing and roofing materials ...	7	268	2	290	230.71	597 81	2.13
Stone, cut and monumental.....	9	246	.....	246	230.00	733 15	2 62
Stone, quarried	2	56	.....	56	305.00	516 64	1 69
Stoves and castings	11	1,095	10	1,105	271.73	507 98	1 87
Surgical instruments, appliances	3	171	17	188	295.33	495 22	1 68
Tin and copper smithing.....	7	301	22	323	302.43	434 32	1 44
Wire goods.....	4	247	15	262	305.50	400 38	1 31
Wooden goods.....	5	174	5	179	273.00	364 27	1 33
Woolen and cotton goods, dyeing.	6	402	434	836	303.83	328 26	1 08
All industries	767	70,122	10,759	80,881	291.99	\$475 04	\$1 63

These tables give for each industry the average number of persons, both sexes, working the average number of days and earning the average daily and yearly wages, based on the aggregate amount of wages reported as being paid by all establishments in each industry. In both years the largest daily and yearly earnings are found in stone, cut and monumental. No females are employed in this industry. Of the total number employed in 1900, 13.48 per cent were females; in 1901 of the total number employed 13.30 per cent were females.

WORKING TIME AND

The presentation of the average yearly earnings of the aggregate plemented by additional wage tables, compiled from returns giving classified wages, as shown in Table 29. The employ es so reported year. The following is a presentation of the 21 selected industries

TABLE NO. 41—*Weekly and Yearly Earnings of the Greatest Agricultural*

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	77	313	52½	.....	6	.....
2.....	86	312	52	13	2	6
3.....	71	308	51½	2	3	2
4.....	184	306	51	1	8	7
5.....	20	306	51	.....	.....	.....
6.....	100	306	51	1	1	3
7.....	100	306	51	.....	5	.....
8.....	36	306	51	3	.....	5
9.....	58	306	51	5	.....	2
10.....	27	305	50½	.....	.....	2
11.....	232	304	50½	.....	.....	7
12.....	686	300	50	.....	.....	10
13.....	110	300	50	11	33	30
14.....	30	300	50	.....	.....	20
15.....	85	300	50	.....	4	2
16.....	98	300	50	3	2	8
17.....	579	299	49½	24	9	8
18.....	204	288	48	9	7	2
19.....	30	288	48	2	1	1
20.....	74	285	47½	6	4	3
21.....	133	283	47½	2	3	4
22.....	132	280	46½	20	.....	10
23.....	259	275	45½	3	.....	6
24.....	79	264	44	6	6	6
25.....	131	262	43½	3	4	6
26.....	154	251	41½	8	2	14
27.....	90	230	38½	3	1	1
28.....	140	203	33½	1	.....	.....
29.....	33	200	33½	8	.....	.....
Total.....	4,038	296	47½	134	101	160
Yearly earnings .....	.....	.....	.....	\$190 66	\$262 17	\$309 53
FEMALES.						
1.....	2	300	50	.....	.....	.....
2.....	1	300	50	.....	.....	.....
Total.....	3	300	50	.....	.....	.....
Yearly earnings .....	.....	.....	.....	.....	.....	.....

EARNINGS OF EMPLOYEES.

average number of employes, as shown in Tables 39 and 40, is sup-
the greatest number of employes, both male and female, earning the
are the number on one weekly pay-roll of each establishment for each
for both years:

*Number of Employed in Twenty-one Selected Industries—1900.**Implements.***NUMBER CLASSIFIED EARNING WEEKLY—**

\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	Average yearly earn- ings to each employee.
1	5	25	20	19	1	.....	\$551 82
22	15	5	7	7	2	.....	469 21
4	2	21	11	16	8	.....	581 00
56	34	88	11	25	3	.....	469 67
.....	.....	12	3	3	2	.....	567 37
5	28	26	18	14	4	.....	513 31
50	25	10	4	.....	6	.....	438 09
4	.....	14	3	5	2	.....	485 92
.....	.....	13	6	14	16	.....	643 22
15	3	2	3	1	1	.....	440 55
9	22	51	27	53	61	.....	634 31
28	160	172	86	114	113	.....	567 89
12	6	5	6	7	.....	.....	349 77
.....	.....	10	.....	.....	.....	.....	375 00
35	15	12	8	3	5	.....	455 88
7	5	28	18	21	8	.....	582 75
100	192	105	40	38	63	.....	484 78
11	30	32	49	35	29	.....	528 94
.....	.....	5	6	7	7	.....	592 80
8	12	9	19	9	3	.....	459 59
18	24	38	10	9	10	.....	516 70
1	3	17	11	33	34	.....	545 95
.....	.....	60	47	71	72	.....	593 97
12	12	12	17	6	2	.....	392 66
6	20	17	27	25	15	.....	502 16
24	30	22	26	20	8	.....	408 39
2	5	44	16	4	14	.....	415 06
.....	.....	65	23	28	22	.....	397 76
3	4	10	4	2	2	.....	292 00
433	653	880	524	589	518	46	\$510 51
3368 51	3405 17	3452 83	3524 33	3643 50	3834 17	3964 78	.....
.....
2	.....	.....	.....	.....	.....	.....	\$375 00
.....	.....	1	.....	.....	.....	.....	475 00
.....
2	.....	1	.....	.....	.....	.....	\$408 33
3375 00	.....	3475 00	.....	.....	.....	.....	.....

Table No. 41—

Earnings,

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	85	307	51½	6	1	1
2.....	8	306	51	1	.....	.....
3.....	12	306	51	6	.....	4
4.....	139	250	41½	28	20	9
Total.....	239	292	48½	51	21	14
Yearly earnings .....	.....	.....	.....	\$194 66	\$267 67	\$316 34
FEMALES.						
1.....	33	307	51½	10	7	4
2.....	34	306	51	10	.....	12
3.....	65	306	51	28	20	12
4.....	59	250	41½	25	9	14
Total.....	191	292	48½	78	36	42
Yearly earnings.....	.....	.....	.....	\$194 66	\$267 67	\$316 34

Boxes, Barrels,

MALES.						
1.....	10	309	51½	3		4
2.....	302	308	51½		22	2
3.....	67	307	51½	8	2	2
4.....	67	307	51½	10	2	3
5.....	123	306	51	26	3	67
6.....	25	306	51			
7.....	16	306	51	3	5	2
8.....	124	305	50½	21	12	18
9.....	24	300	50			
10.....	96	300	50	31	5	27
11.....	40	300	50	11		1
12.....	300	300	50	10	15	10
13.....	75	300	50			
14.....	607	300	50	37	100	
15.....	130	300	50	16		35
16.....	70	300	50	8		10
17.....	78	290	48½		10	1
18.....	527	289	48½	81	2	30
19.....	46	281	46½	7	2	4
20.....	87	275	45½	8		30
21.....	63	270	45	3	5	
22.....	166	270	45	21	1	1
23.....	53	260	42½	7	4	8
24.....	20	224	37½	13	3	
25.....	115	220	36½	3	12	31
26.....	36	220	36½	8		2
27.....	22	200	33½	4		
28.....	62	200	33½	28	7	6
29.....	75	200	33½			
30.....	22	85	14½		2	1
Total.....	3,378	271	45½	367	274	306
Yearly earnings...				\$180 67	\$248 42	\$293 85

Continued.

Tents, Etc.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$11. Av., \$11.00.	\$11 but under \$12. Av., \$12.50.	\$12 but under \$13. Av., \$13.50.	\$13 but under \$14. Av., \$14.50.	
3	1	11	10	28	11	3	\$680 25
.....	1	.....	.....	.....	1	.....	610 00
10	40	9	3	7	3	.....	344 25
.....	.....	.....	.....	.....	.....	.....	300 08
13	43	20	13	46	16	3	\$422 35
3363 46	3413 67	3463 33	3535 33	3657 00	3651 66	3973 33	.....
.....
5	6	1	.....	.....	.....	.....	313 96
6	3	.....	3	.....	.....	.....	332 25
5	.....	.....	.....	.....	.....	.....	296 19
11	.....	.....	.....	.....	.....	.....	228 11
.....
27	9	1	3	.....	.....	.....	\$384 65
3363 46	3413 67	3463 33	3535 33	.....	.....	.....	.....

Kegs, Etc.

.....	1	.....	.....	.....	2	.....	\$419 73
.....	27	12	55	178	6	.....	610 31
36	3	7	3	2	3	1	420 41
34	4	4	4	3	2	1	410 09
23	.....	7	2	2	2	2	338 91
.....	.....	5	10	10	10	.....	451 71
2	.....	.....	3	.....	.....	.....	341 06
14	15	34	28	.....	.....	2	418 61
.....	.....	5	10	5	2	2	625 00
11	.....	2	3	5	1	1	338 91
.....	2	11	7	7	1	.....	201 25
10	25	25	45	40	20	.....	525 62
.....	5	20	15	10	25	.....	646 66
160	113	25	75	14	20	3	399 51
60	.....	8	6	2	2	.....	368 85
30	10	20	.....	1	1	.....	295 00
7	.....	20	7	30	3	.....	519 57
237	8	30	13	17	10	9	371 35
.....	3	4	.....	14	11	1	539 60
24	6	7	7	2	3	.....	358 88
10	6	20	10	7	1	1	426 79
.....	7	61	12	31	31	1	500 96
.....	12	1	1	3	17	.....	459 90
2	.....	2	.....	.....	.....	.....	191 33
15	6	14	8	18	8	.....	327 76
6	10	2	5	.....	3	.....	307 08
2	.....	3	4	6	3	.....	359 09
5	4	2	3	2	2	3	233 87
.....	.....	75	.....	.....	.....	.....	316 66
12	5	1	.....	.....	1	.....	113 96
.....
779	272	417	336	410	190	27	\$420 63
3388 75	3383 92	3429 08	3496 83	3609 75	3790 42	3903 33	.....

Table No. 41

Boxes, Barrels,

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
FEMALES.						
1.....	9	309	51½	2	.....	5
2.....	1	306	51	.....	.....	.....
3.....	21	300	50	16	5	.....
Total.....	31	306	50½	18	5	5
Yearly earnings....	.....	.....	.....	\$203 33	\$279 58	\$330 43

Brick, Tile and

MALES.						
1.....	61	308	51 ¹ / ₂	13	1	3
2.....	20	306	51	.....	.....	6
3.....	112	306	51	7	3	6
4.....	92	300	50	3	.....	.....
5.....	46	300	50	9	5	8
6.....	25	275	46 ¹ / ₂	1	.....	.....
7.....	45	270	45	1	.....	1
8.....	289	262	43 ¹ / ₂	.....	.....	13
9.....	50	260	43 ¹ / ₂	.....	.....	5
10.....	43	234	39	1	.....	.....
11.....	80	227	37 ¹ / ₂	.....	.....	.....
12.....	45	225	37 ¹ / ₂	1	.....	1
13.....	65	225	37 ¹ / ₂	.....	.....	.....
14.....	20	212	35 ¹ / ₂	1	3	3
15.....	27	210	35	.....	1	.....
16.....	95	200	33 ¹ / ₂	5	.....	5
17.....	35	200	33 ¹ / ₂	.....	2	.....
18.....	40	187	31 ¹ / ₂	.....	.....	2
19.....	18	180	30	1	.....	.....
20.....	25	168	28	7	.....	.....
21.....	90	160	26 ¹ / ₂	.....	.....	8
22.....	40	155	25 ¹ / ₂	.....	.....	.....
23.....	42	135	22 ¹ / ₂	.....	.....	9
24.....	29	125	20 ¹ / ₂	.....	3	.....
25.....	78	118	18	.....	.....	.....
26.....	30	115	19 ¹ / ₂	1	.....	.....
Total.....	1,543	218	36 ¹ / ₂	51	18	73
Yearly earnings....	.....	.....	.....	\$145 33	\$199 83	\$236 17

Kegs, Etc.—Continued.

—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY.—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$11. Av., \$11.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
2				1			\$397 80
							688 50
							215 48
2				1			\$260 38
\$406 25				\$696 25			

Sewer Pipe.

26		9	3		2	5	\$432 97
		4	3		5		572 47
8	15	23	24	14	8	8	494 43
14	33		31	11			481 79
5	7	7	2	2		1	378 26
24							337 33
		40	2	1			426 00
3	11	24	39	97	71	31	608 84
		37		3	5		443 73
		32	4	1	5		410 86
		56	10		14		419 48
1		23	10	3	1		218 33
				20	20	25	646 15
		12	1				291 50
	1	6	13	4	2		392 78
30	10	19	23		3		297 72
		29	2	2			315 71
18		18	2	1	1		278 16
1		15				1	290 00
16	1	1					185 92
4	10	40	12	12	4		264 86
	6			24	10		355 21
4		2	6	21			244 82
4		12	6	4			201 51
6	1	48	10	14	1		203 48
			29				197 10
162	95	460	231	236	153	66	\$412 81
\$372 50	\$308 83	\$345 17	\$404 00	\$490 50	\$635 83	\$741 82	

Table No. 41

Building Material

Number. of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	30	307	51½	2	3	.....
2.....	52	306	51	11	1	20
3.....	31	306	51	.....	1	1
4.....	63	306	51	6	.....	.....
5.....	110	306	51	2	3	1
6.....	45	306	51	.....	.....	.....
7.....	19	306	51	.....	.....	3
8.....	85	306	51	.....	.....	20
9.....	26	306	51	.....	10	.....
10.....	28	306	51	4	.....	5
11.....	26	306	51	4	.....	.....
12.....	19	306	51	.....	.....	.....
13.....	25	306	51	2	.....	.....
14.....	190	306	51	50	25	25
15.....	90	306	51	.....	2	.....
16.....	24	300	50	1	.....	.....
17.....	56	300	50	4	1	5
18.....	30	300	50	.....	.....	3
19.....	60	300	50	.....	.....	4
20.....	23	300	50	3	.....	2
21.....	102	299	49¾	28	.....	6
22.....	37	295	49¼	3	1	4
23.....	33	292	48¾	6	.....	.....
24.....	47	291	48½	7	4	2
25.....	31	290	48½	.....	4	.....
26.....	24	289	48¼	4	.....	2
27.....	39	285	47½	1	.....	1
28.....	38	280	46¾	10	4	2
29.....	38	280	46¾	.....	3	.....
30.....	284	279	46½	61	19	6
31.....	41	275	45½	.....	1	2
32.....	85	275	45½	15	1	5
33.....	35	270	45	3	1	.....
34.....	14	265	44¼	.....	.....	.....
35.....	8	241	40¼	2	.....	.....
36.....	36	234	39	3	5	.....
37.....	78	220	36¾	1	.....	5
38.....	216	198	33	.....	5	3
39.....	5	150	25	1	.....	3
Total.....	2,233	285	47½	234	93	180
Yearly earnings.....	.....	.....	.....	\$190 90	\$361 25	\$308 75

—Continued.

—Wood.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50.	Av., \$8.50.	Av., \$9.50.	Av., \$11.	Av., \$13.50.	Av., \$17.50.		
1	.....	5	2	13	5	.....	3598 65
5	1	7	5	1	1	.....	370 73
2	7	3	5	9	2	1	557 71
.....	4	.....	3	45	4	.....	633 06
9	11	7	9	41	19	8	650 71
.....	2	1	3	35	5	.....	687 41
.....	.....	3	1	9	3	.....	629 45
.....	.....	40	10	.....	10	5	537 00
.....	.....	.....	.....	30	6	.....	609 17
5	.....	4	3	6	1	.....	465 37
3	.....	4	1	8	6	.....	589 44
.....	1	2	2	16	.....	.....	661 66
1	.....	1	1	17	2	1	651 82
12	12	13	13	13	10	20	444 34
2	10	2	4	47	22	1	637 65
.....	.....	3	.....	11	10	.....	721 87
2	7	7	17	12	1	.....	501 34
.....	.....	2	2	3	10	.....	687 50
.....	.....	8	.....	45	3	.....	635 00
.....	1	.....	3	2	12	.....	659 78
19	7	10	5	8	15	4	467 80
5	3	1	4	10	2	3	530 57
.....	.....	9	.....	9	9	.....	572 94
1	6	2	6	16	3	.....	497 16
2	4	1	8	12	.....	.....	512 07
2	5	1	9	11	1	.....	498 37
2	1	3	2	27	1	.....	320 55
10	6	2	2	1	.....	1	349 39
.....	.....	4	5	8	17	1	657 02
59	62	12	44	12	6	3	370 96
3	3	4	4	12	12	.....	590 18
9	5	12	23	8	7	.....	434 34
8	10	5	4	4	1	.....	411 43
.....	2	.....	.....	8	4	.....	615 18
.....	.....	1	1	1	.....	3	512 12
3	6	10	5	2	2	.....	352 06
8	.....	6	2	45	10	1	459 03
.....	.....	152	16	15	7	18	359 33
1	.....	.....	.....	.....	.....	.....	155 00
175	174	343	223	561	230	70	3499 92
3356 25	3403 75	3451 25	3522 50	3641 25	3681 25	3950 00	.....

Table No. 41
Carriages and

Number of Establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	110	334	55 ³ / ₈	3	1	12
2.....	58	310	51 ³ / ₈	7	.....	3
3.....	50	308	51 ¹ / ₈	.....	.....	.....
4.....	96	306	51	.....	6	13
5.....	28	306	51	2	.....	.....
6.....	52	306	51	5	3	4
7.....	100	306	51	13	5	6
8.....	165	306	51	6	3	1
9.....	180	306	51	4	.....	3
10.....	39	306	51	.....	.....	1
11.....	84	304	50 ³ / ₈	16	2	3
12.....	43	301	50 ¹ / ₈	10	.....	5
13.....	44	297	49 ¹ / ₈	6	4	6
14.....	79	290	48 ¹ / ₈	3	.....	.....
15.....	45	290	48 ¹ / ₈	.....	.....	.....
16.....	108	282	47	6	6	6
17.....	24	275	45 ¹ / ₈	5	.....	2
18.....	43	270	45	.....	2	6
19.....	27	230	38 ¹ / ₈	.....	13	.....
20.....	69	65	10 ¹ / ₈	16	4	4
Total.....	1,434	265	47 ¹ / ₈	103	49	74
Yearly earnings.....	.....	.....	.....	\$190 00	\$261 25	\$308 75
FEMALES.						
1.....	3	334	55 ³ / ₈	.....	.....	1
2.....	6	310	51 ³ / ₈	4	1	1
3.....	3	306	51	2	1	.....
4.....	4	306	51	2	.....	2
5.....	9	306	51	3	1	2
6.....	2	304	50 ³ / ₈	.....	.....	.....
7.....	2	301	50 ¹ / ₈	1	1	.....
8.....	2	297	49 ¹ / ₈	2	.....	.....
9.....	7	290	48 ¹ / ₈	.....	.....	4
10.....	2	280	45 ¹ / ₈	.....	1	1
11.....	3	270	45	.....	3	.....
12.....	4	230	38 ¹ / ₈	.....	1	3
13.....	4	65	10 ¹ / ₈	4	.....	.....
Total.....	51	278	46 ¹ / ₈	20	9	14
Yearly earnings.....	.....	.....	.....	\$185 33	\$254 83	\$301 64

—Continued.

Wagons

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employe.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50.	Av., \$8.50.	Av., \$9.50.	Av., \$11.00.	Av., \$13.50.	Av., \$17.50.		
15	3	26	12	25	13	.....	\$596 88
10	9	9	10	8	2	.....	478 80
.....	.....	10	15	10	15	.....	667 33
28	13	17	6	4	.....	.....	422 88
1	.....	.....	9	9	3	4	671 19
5	6	22	10	4	3	.....	472 24
12	14	11	15	17	5	2	486 54
1	10	10	86	55	37	6	661 61
23	15	30	30	43	29	3	594 57
.....	1	5	14	5	2	1	596 17
8	1	8	17	22	7	.....	509 98
2	2	3	5	4	9	.....	492 33
5	5	2	2	7	5	2	481 50
16	8	33	8	2	4	.....	456 41
2	.....	20	.....	15	4	4	598 79
7	14	28	34	9	.....	.....	439 54
3	1	4	5	3	2	.....	418 23
8	1	10	10	3	3	.....	435 87
10	.....	.....	.....	4	.....	.....	284 66
3	5	5	5	7	13	7	116 43
163	108	246	343	255	156	29	\$511 72
\$366 25	\$403 75	\$451 25	\$522 50	\$641 25	\$631 25	\$950 00	.....
1	.....	1	.....	.....	.....	.....	\$436 04
.....	.....	.....	.....	.....	.....	.....	241 11
.....	.....	.....	.....	.....	.....	.....	329 50
2	.....	.....	1	.....	.....	.....	267 75
.....	.....	.....	.....	.....	.....	.....	320 17
.....	.....	.....	.....	.....	.....	.....	301 33
2	.....	1	.....	.....	.....	.....	238 29
.....	.....	.....	.....	.....	.....	.....	197 06
.....	.....	.....	.....	.....	.....	.....	345 69
.....	.....	.....	.....	.....	.....	.....	290 00
.....	.....	.....	.....	.....	.....	.....	254 17
.....	.....	.....	.....	.....	.....	.....	239 58
.....	.....	.....	.....	.....	.....	.....	43 84
5	.....	2	1	.....	.....	.....	\$265 26
\$347 50	.....	\$440 16	\$509 67	.....	.....	.....	.....

Table No. 41

Cloth-

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	75	312	52	11	8	3
2.....	96	306	51			
3.....	7	306	51			
4.....	9	306	51			1
5.....	3	306	51		1	
6.....	5	306	51	1		
7.....	66	306	51	4	5	
8.....	6	306	51			
9.....	10	306	51			
10.....	40	306	51			
11.....	5	306	51			
12.....	21	306	51			
13.....	12	306	51	1		
14.....	6	306	51			
15.....	7	306	51		1	
16.....	4	306	51			
17.....	12	306	51			
18.....	8	306	51	3		1
19.....	6	306	51	2		
20.....	6	306	51			
21.....	375	306	51			
22.....	5	306	51			
23.....	8	306	51		2	
24.....	28	306	51		1	
25.....	68	306	51	4	5	6
26.....	52	304	50 ²³	2	3	2
27.....	5	304	50 ²³		2	
28.....	5	302	50 ¹³			
29.....	10	300	50			3
30.....	8	300	50	2		
31.....	4	300	50	1	1	
32.....	8	300	50	1		
33.....	5	300	50		1	
34.....	101	291	48 ¹³	6		
35.....	2	290	48 ¹³			
36.....	1	290	48 ¹³			
37.....	5	275	45 ¹			
38.....	30	275	45 ¹			
39.....	320	275	45 ¹			35
40.....	15	265	44 ¹			
41.....	13	250	41 ²³			2
42.....	9	230	38 ¹³			
43.....	16	220	36 ²³			
44.....	8	220	33 ¹³	1		
45.....	10	180	21 ²³	2		
Total.....	1,505	290	48 ¹³	41	30	53
Yearly earnings....				\$193 33	\$265 83	\$314 17

Clothing.

—Continued.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10; but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
.....	56	.....	67	5	4	14	\$919 66
3	.....	.....	.....	.....	5	.....	635 64
2	.....	1	.....	1	.....	7	746 78
.....	.....	1	.....	1	.....	.....	834 00
.....	.....	1	.....	1	1	1	484 50
.....	.....	1	.....	.....	.....	.....	657 90
2	3	3	12	17	14	6	648 32
.....	.....	.....	2	4	.....	.....	646 00
.....	.....	.....	6	3	1	.....	633 40
.....	.....	10	10	20	.....	.....	605 55
.....	.....	.....	5	5	.....	.....	638 50
.....	1	3	7	10	.....	.....	604 71
.....	3	2	3	3	.....	.....	518 50
.....	.....	.....	3	1	2	.....	632 75
.....	.....	.....	4	.....	.....	3	652 07
.....	.....	.....	.....	4	.....	.....	638 50
.....	.....	.....	1	2	8	1	841 50
.....	.....	3	.....	1	1	.....	411 19
.....	.....	.....	.....	3	1	.....	561 00
.....	.....	2	3	1	.....	.....	556 75
.....	.....	.....	20	35	130	130	320 38
.....	3	.....	2	1	.....	.....	535 50
.....	.....	2	.....	3	1	.....	615 89
1	.....	2	6	4	.....	1	764 09
2	7	5	8	15	6	13	662 50
6	.....	1	.....	.....	.....	6	671 33
2	3	2	8	11	14	6	506 66
.....	.....	.....	.....	.....	.....	1	775 13
4	.....	3	1	1	3	.....	392 50
.....	.....	.....	3	3	.....	.....	509 33
.....	1	.....	.....	1	.....	.....	393 75
.....	.....	3	.....	.....	4	.....	668 75
.....	1	.....	1	1	1	1	650 00
.....	.....	20	40	20	10	5	569 32
.....	.....	1	1	.....	.....	.....	435 41
.....	.....	.....	.....	1	1	.....	842 91
.....	.....	.....	1	1	3	.....	705 83
.....	.....	10	4	4	.....	2	627 91
45	40	40	50	40	40	30	526 37
.....	1	2	5	3	3	1	575 64
.....	2	4	3	2	.....	.....	410 25
.....	.....	.....	4	4	1	.....	487 66
.....	.....	.....	.....	8	8	.....	568 33
.....	1	1	3	2	.....	.....	335 41
.....	.....	.....	.....	3	4	1	300 08
67	121	107	296	242	270	288	\$644 55
\$362 50	\$410 83	\$459 17	\$531 66	\$652 50	\$845 83	\$966 67	.....

Clothing—

Table No. 41

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5 50.	\$6 but under \$7. Av., \$6.50.
FEMALES.						
1.....	12	312	52	1		1
2.....	199	306	51		2	195
3.....	29	306	51		15	
4.....	24	306	51	1		2
5.....	25	306	51			
6.....	63	306	51	10	8	4
7.....	9	306	51	1	8	4
8.....	24	306	51	2	8	5
9.....	34	306	51	6	10	18
10.....	20	306	51			
11.....	17	306	51	10		4
12.....	49	306	51	18	6	18
13.....	31	306	51	16	5	2
14.....	16	306	51	4	3	2
15.....	23	306	51		12	
16.....	20	306	51	3	4	4
17.....	28	306	51	3	4	
18.....	50	306	51	15	9	9
19.....	6	306	51	6		
20.....	27	306	51	26		
21.....	90	306	51		5	3
22.....	59	306	51		25	25
23.....	40	306	51	23	12	9
24.....	185	306	51	10	5	5
25.....	81	306	51	116	40	8
26.....	11	304	51		12	13
27.....	74	304	50 ³ / ₄	7	2	1
27.....	30	302	50 ³ / ₄	26	22	10
29.....	65	300	50	3	4	4
30.....	20	300	50	5	25	25
31.....	75	300	50	6	4	4
32.....	40	300	50	55	3	3
33.....	100	300	50	4	6	6
34.....	49	291	48 ¹ / ₂		6	25
35.....	17	280	48 ¹ / ₂	3	1	3
36.....	27	239	48 ¹ / ₂		5	11
37.....	22	275	48 ¹ / ₂	20	5	5
38.....	60	275	45 ¹ / ₂	12	3	4
39.....	186	265	45 ¹ / ₂			
40.....	77	265	44 ¹ / ₂	25	35	50
41.....	30	250	41 ¹ / ₂	25	25	18
42.....	25	230	39 ¹ / ₂	16	7	4
43.....	42	220	36 ³ / ₄	7	6	4
44.....	17	200	36 ³ / ₄	8		8
45.....	40	180	21 ³ / ₄		2	6
Total.....	2,208	290	48 ¹ / ₂	35	3	1
Yearly earnings.....				\$193 33	\$265 83	\$314 17

Concluded.

Continued.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	Average yearly earn- ings to each employe.
					7	3	\$291 04
							\$29 71
	14						201 50
8			5	5			494 06
10		15					443 70
9	6	2	12	8	4		451 81
			1				\$25 58
3	2	4					\$44 25
							\$34 00
		10	10				\$22 75
	3						\$74 50
7	2	3					\$39 23
2	3	2					\$23 14
2	10		1				\$42 65
							\$47 02
3		3	3				\$67 20
	5	6	2	8			\$79 94
9	4	2	2				\$16 71
							\$04 00
3							\$29 15
10	10	10	10				\$33 07
8			1				\$69 23
10	3	2	5				\$49 99
15	13			2		1	\$63 11
3	12	15	14	12			\$61 53
				1			\$71 76
4		1					\$66 16
8	4	3	4				\$90 01
10							\$03 85
6							\$32 50
7		3	3	1			\$55 67
6	10	5	3				\$72 12
25	20	8	10	5		1	\$12 25
15	12	4	7	4			\$16 21
1							\$02 64
6					2		\$77 59
5	3	2	1	3			\$08 06
	25	10	15	5	5		\$79 33
40	15	10	6	3	2		\$15 56
8		1					\$42 05
1	2						\$13 50
2	3	1	1	1			\$47 63
	15	8					\$73 25
5	3		1				\$43 14
		1					\$3 44
251	203	133	120	58	30	5	\$336 92
\$362 50	\$410 83	\$459 17	\$531 65	\$652 50	\$845 83	\$906 67	.....

Table No. 41

Electrical

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	36	306	51	.....	8	3
2.....	39	306	51	.....	4	2
3.....	35	306	51	1	.....	1
4.....	2,553	303	504	331	313	240
Total.....	2,654	306	504	332	325	246
Yearly earnings....				\$308 33	\$279 89	\$330 43
FEMALES.						
1.....	12	306	51	.....	4	3
2.....	11	306	51	11	.....	.....
3.....	1,063	303	504	375	432	105
Total.....	1,085	306	504	386	436	108
Yearly earnings....				\$308 33	\$279 89	\$330 43

Electric Light,

MALES.						
1.....	20	365	604	.....	.....	.....
2.....	52	365	604	.....	.....	.....
3.....	51	365	604	3	.....	.....
4.....	161	365	604	.....	10	1
5.....	50	365	604	1	.....	1
6.....	76	307	514	4	2	4
7.....	57	299	494	3	4	4
Total.....	467	347	574	11	16	10
Yearly earnings....				\$321 33	\$318 08	\$375 93
FEMALES.						
1.....	1	365	604	1	.....	.....
2.....	3	307	514	1	2	.....
3.....	1	299	494	.....	.....	.....
Total.....	5	324	54	2	2	.....
Yearly earnings....				\$316 00	\$297 00	.....

—Continued.

Apparatus.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11 00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
7	8	6	1	2	.....	1	\$423 68
3	1	17	2	7	2	1	521 77
2	.....	4	2	7	8	1	666 92
272	251	209	283	394	245	25	472 07
284	280	236	288	410	255	28	\$474 05
\$361 25	\$432 08	\$483 92	\$559 17	\$684 30	\$989 58	\$1,016 10	.....
4	1	.....	.....	.....	.....	.....	\$40 00
39	35	6	10	.....	.....	.....	204 00
43	36	6	10	.....	.....	.....	267 57
\$361 25	\$432 08	\$483 92	\$559 17	.....	.....	.....	\$267 72
.....

Power and Gas.

.....	.....	10	10	.....	.....	.....	\$623 54
.....	.....	47	2	2	1	.....	600 14
.....	1	26	15	3	3	.....	626 82
1	.....	94	7	21	26	1	679 18
.....	.....	17	12	15	4	.....	701 41
3	3	2	7	24	18	9	684 02
.....	1	4	9	12	11	9	646 96
4	5	200	62	77	63	19	\$661 51
\$423 75	\$492 25	\$549 42	\$636 16	\$790 62	\$1,012 08	\$1,135 67	.....
.....
.....	.....	.....	.....	.....	.....	.....	\$244 00
.....	.....	1	.....	.....	.....	.....	256 83
.....	.....	.....	.....	.....	.....	.....	473 40
.....	.....	1	.....	.....	.....	.....	\$296 98
.....	.....	\$513 00	.....	.....	.....	.....	.....

Table No. 41

Food

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	44	365	60 ¹			
2.....	38	365	60 ¹	14	2	1
3.....	300	365	60 ¹		20	
4.....	75	360	60			3
5.....	72	350	58 ¹ ₃	26	9	3
6.....	75	312	52 ¹			
7.....	46	312	52		1	2
8.....	35	309	51 ¹ ₂			
9.....	54	306	51			2
10.....	10	306	51	1		
11.....	29	306	51		2	1
12.....	21	306	51	2		
13.....	9	306	51			
14.....	25	306	51			
15.....	30	300	50		3	
16.....	40	300	50		3	
17.....	7	260	43 ¹ ₃			
18.....	20	270	23 ¹ ₃			
19.....	47	170	23 ¹ ₃			
20.....	104	150	25	43	9	9
21.....	135	108	17 ¹ ₃	22	15	15
22.....	10	90	15			10
23.....	32	79	12 ¹			
24.....	36	60	10		5	25
25.....	12	60	10	5		5
26.....	121	60	10	2		76
27.....	224	50	8 ¹ ₃	30	10	20
28.....	70	38	6 ¹ ₃			
29.....	26	26	4 ¹ ₃	6		17
Total.....	1,736	225	37 ¹ ₄	151	79	189
Yearly earnings				\$150 00	\$206 25	\$242 75
FEMALES.						
1.....	1	365	60 ¹		1	
2.....	10	365	60 ¹	10		
3.....	100	365	60 ¹		50	30
4.....	81	360	60			29
5.....	33	350	58 ¹ ₃	25	7	
6.....	66	312	52 ¹	10	8	2
7.....	44	312	52	5	4	2
8.....	34	306	51		10	30
9.....	11	306	51	1	10	
10.....	28	306	51	18	4	3
11.....	18	306	51	9	7	2
12.....	3	306	51	3		
13.....	23	300	50	14	8	
14.....	5	260	43 ¹ ₃		4	1
15.....	8	170	28 ¹ ₃	8		
16.....	72	150	25	52	7	12
17.....	40	108	17 ¹ ₃	10	15	9
18.....	17	90	15	17		
19.....	39	60	10		39	
20.....	45	60	10	44		1
21.....	25	60	10	15		6
22.....	104	50	8 ¹ ₃	24	20	60
23.....	25	38	6 ¹ ₃			
24.....	37	26	4 ¹ ₃	37		
Total.....	869	222	37	302	194	177
Yearly earnings				\$148 00	\$203 50	\$240 50

—Continued.

Preparations.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	Average yearly earn- ings to each employee.
			36	6	2		\$702 85
11	5	2	8				401 02
		175	40	30	23	2	655 98
3		31	12	9	11	6	724 80
10	5	5	2	10	1	1	257 46
2	2	21	30	21	5	3	619 04
5	2	16	12	6	1	1	587 52
		9	17	7	2		657 68
4		30	18	5	5		553 44
	1	1	2	3	1	1	622 20
2	1		5	17		1	607 60
4	3	2	5	3	2		517 28
	2	1	3	3			686 66
		4	12	6	2	1	624 24
		14	2			1	478 75
		15	19	3			510 00
	1		4	2			492 14
	18		2				291 66
40	3		2		1		226 83
7	7	4	6	12	5	1	187 28
16	12	30	35	9			142 31
							97 50
		32					125 08
3		3					66 94
		2					59 58
6		27	9	1			75 70
35	70	21	10	17	10	1	170 55
70							47 50
		2					26 60
218	132	427	268	172	81	19	\$360 09
\$281 25	\$318 75	\$356 25	\$412 50	\$506 25	\$656 25	\$750 00	
							\$334 60
							243 33
20							377 16
2		26	24				529 26
1							257 61
3	5	9	27	1	1		454 88
18	8	2	5				274 18
4							\$323 50
	3						273 54
							337 57
							247 92
					1		204 00
							255 48
							247 00
1							197 33
6							115 27
							99 81
							60 00
							55 00
							40 56
2		2					53 20
							47 75
25							47 50
							17 33
82	16	39	56	1	2		\$223 45
\$377 50	\$327 00	\$351 50	\$407 00	\$499 50	\$647 50		

Table No. 41

Furniture

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	86	352	58 ² ₃	5	6	2
2.....	201	308	51 ¹ ₃	51	10	3
3.....	55	306	51	.....	.....	6
4.....	20	306	51	.....	.....	.....
5.....	19	306	51	1	2	.....
6.....	76	306	51	13	10	5
7.....	56	306	51	1	.....	1
8.....	59	306	51	4	2	2
9.....	75	306	51	8	6	6
10.....	106	306	51	8	1	8
11.....	52	306	51	.....	.....	.....
12.....	90	306	51	.....	2	5
13.....	47	306	51	4	.....	.....
14.....	184	306	51	11	1	19
15.....	79	306	51	.....	3	2
16.....	236	306	51	12	3	14
17.....	19	306	51	2	1	3
18.....	27	306	51	1	6	.....
19.....	101	306	51	20	5	11
20.....	126	306	51	.....	11	20
21.....	102	306	51	.....	.....	.....
22.....	75	306	51	11	3	26
23.....	22	306	51	.....	.....	1
24.....	100	306	51	5	3	2
25.....	46	306	51	.....	.....	.....
26.....	8	306	51	1	.....	1
27.....	41	306	51	3	7	5
28.....	45	305	50 ¹ ₃	9	5	7
29.....	88	305	50 ¹ ₃	.....	4	9
30.....	91	304	50 ² ₃	10	8	13
31.....	20	303	50 ¹ ₃	.....	.....	1
32.....	61	302	50 ¹ ₃	12	3	4
33.....	105	300	50	.....	1	1
34.....	177	300	50	25	10	12
35.....	120	300	50	8	.....	4
36.....	105	300	50	7	5	6
37.....	30	300	50	2	1	1
38.....	12	300	50	.....	2	2
39.....	173	300	50	8	3	4
40.....	70	298	49 ² ₃	3	6	10
41.....	56	297	49 ¹ ₃	7	1	2
42.....	28	295	49 ¹ ₃	.....	3	1
43.....	74	295	49 ¹ ₃	2	3	2
44.....	84	294	49	2	.....	4
45.....	36	290	48 ¹ ₃	2	.....	1
46.....	35	286	47 ² ₃	5	.....	.....
47.....	88	285	47 ¹ ₃	8	6	6
48.....	50	280	46 ² ₃	10	5	3
49.....	141	280	46 ² ₃	4	2	.....
50.....	40	276	45 ¹ ₃	4	.....	3
51.....	40	270	45	.....	.....	3
52.....	27	260	41 ² ₃	12	3	6
Total.....	3,901	300	50	301	153	247
Yearly earnings ...	.....	.....	.....	\$203 00	\$275 00	\$325 00

—Continued.

—Continued.

NUMBER CLASSIFIED EARNINGS WEEKLY—

\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	Average yearly earn- ings to each employé.
3	7	25	21	11	5	1	\$595 19
97	8	16	7	1	6	2	873 25
10	10	12	4	6	4	3	526 69
3		6	7	4	2		613 27
1	1	3	2	6	2		547 68
	2	8	8	25	5		499 60
2	3	1	2	45	4		670 74
7	10	4	4	30	18		646 14
3	4	9	12	16	1		470 90
		8	9	48	13	4	614 17
		5	5	28	14		711 55
4		5	10	58	6		634 10
	3		20	15	5		597 37
24	10	33	33	45	3		505 01
	3	19	30	20	2		561 65
5	13	24	52	64	46	3	612 11
			4	6	2	1	571 73
1	1	2	2	2	10	2	634 66
10	12	6	19	10	5	3	456 72
52	30	5	9	8			410 24
		2	2	57	28	13	780 25
12	8	7	6	2			388 56
		4	3	12	2		636 34
4	6	7	35	33	5		568 65
		1	40	3	2		582 06
		3	2		1		500 44
1	6	4	5	8	2		469 57
10	3	1	4	4	2		397 63
4	18	9	3	20	20	1	590 36
9	9	18	14	6	4		439 02
	2	1	2	12	1	1	642 61
8	5	13	13	1	2		419 17
17		14	16	38	16	2	610 24
20	25	23	35	24	1	2	446 47
	10		80	15	3		336 32
4	8	11	19	42	3		535 24
1	1	2	5	6	10	1	643 33
3	1	1	2	1			416 66
10	20	20	20	40	40	8	615 46
10	7	9	11	12	3		459 77
9	11	11	11	4			430 47
1		3	9	5	4		558 79
18	12	18	4	6	8	1	483 71
2	6	14	35	17	4		535 21
2	2	8	12	8	1		510 18
2	3	3	12	8	2		495 77
10	11	14	21	7	4	1	443 42
7	1	4	9	9	3		412 07
11		30	42	18	28	6	595 79
		5	6	10	7	5	580 36
3	6	6		7	11	4	581 62
2	1		2			1	260 80
402	289	462	740	873	369	65	\$531 08
\$375 00	\$425 00	\$475 00	\$550 00	\$675 00	\$875 00	\$1,000 00	.....

Table No. 41

Furniture

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
FEMALES						
1.....	2	352	58 ³ / ₈	.....	.....	.....
2.....	1	306	51	1	.....	.....
3.....	2	306	51	.....	.....	2
4.....	1	306	51	1	.....	.....
5.....	7	306	51	6	1	.....
6.....	11	306	51	.....	.....	5
7.....	46	306	51	.....	10	26
8.....	1	306	51	.....	.....	1
9.....	23	306	51	31	1	.....
10.....	21	300	50	2	1	.....
11.....	8	250	41 ³ / ₈	.....	1	2
Total.....	127	306	50 ¹ / ₈	41	14	36
Yearly earnings.....	.....	.....	.....	\$208 33	\$279 89	\$330 43

Iron and Steel Forgings,

MALES.						
1.....	75	308	51 ¹ / ₈	24	5	4
2.....	34	306	51	.....	.....	2
3.....	92	306	51	3	.....	.....
4.....	33	306	51	.....	.....	.....
5.....	598	306	51	.....	.....	10
6.....	16	306	51	.....	1	.....
7.....	2,665	306	51	10	34	15
8.....	1,520	306	51	.....	.....	.....
9.....	22	306	51	4	.....	.....
10.....	178	306	51	.....	.....	.....
11.....	53	306	51	2	3	1
12.....	33	306	50 ¹ / ₈	.....	.....	1
13.....	80	301	50 ¹ / ₈	.....	.....	.....
14.....	208	301	50 ¹ / ₈	21	25	15
15.....	60	300	50	2	5	5
16.....	72	300	50	27	13	3
17.....	240	300	50	30	10	10
18.....	65	300	50	.....	.....	.....
19.....	65	296	49 ¹ / ₈	6	5	1
20.....	46	294	49	4	.....	.....
21.....	39	294	49	.....	.....	.....
22.....	222	289	48 ¹ / ₈	1	1	5
23.....	77	274	45 ¹ / ₈	8	.....	9
24.....	25	261	43 ¹ / ₈	4	2	2
25.....	57	250	41 ¹ / ₈	4	1	.....
26.....	311	230	38 ¹ / ₈	.....	.....	.....
27.....	150	225	37 ¹ / ₈	.....	.....	5
28.....	140	220	36 ¹ / ₈	20	.....	.....
Total.....	7,126	290	48 ¹ / ₈	166	105	88
Yearly earnings.....	.....	.....	.....	\$193 33	\$265 83	\$314 16

—Continued.

—Concluded.

NUMBER CLASSIFIED EARNINGS WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
							\$420 32
							204 00
							331 50
							204 00
							214 98
							387 14
							331 50
							331 50
							206 29
							579 57
							256 94
10	6						
5	1	2	2		7	1	
15	7	2	2		7	1	236 85
3381 25	3432 08	3482 92	3559 17		3899 58	\$1,016 70	.....

Castings, Etc.

11	5		13	3	1	2	\$412 03
1		2		6	23	1	789 25
1		29	11	4	42	2	690 16
1		2	4	5	19	1	772 73
25	35	125	355	22	10	6	546 20
					12	2	819 00
17	20	598	1,128	335	237	251	616 99
	48	222	165	190	216	679	812 89
1	3	6	4	2	3	1	584 34
	4	60	32	19	51	12	671 98
.5	3	10	15	6	6	2	533 57
		2	6	7	16		732 46
2	1	2	9	4	3	9	715 71
18	20	25	28	27	20	8	456 68
3	3	18	6	14	3	1	512 08
2	3	3	4	6	4	2	378 82
45	15	80	30	15	5		434 28
		1	35	15	14		647 69
3	5	4	14	10	12	5	683 08
		10		9	23		876 41
			2	18		19	810 83
10	1	79	19	45	61		598 83
8	2	6	2	15	24	3	550 96
	4	1	2	3	7	1	478 50
		10	5	30			601 69
		115	89	94	13		435 96
		50		50	35	10	498 75
	50		4	6		30	388 93
153	257	1,448	1,967	984	890	1,048	\$637 57
3362 50	3410 83	3459 17	3531 67	3652 50	3845 83	3906 67	.....

Table No. 41

Iron and Steel

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
FEMALES.						
1.....	7	306	51	.....	.....	7
2.....	2	306	51	2	.....	.....
3.....	55	300	50	.....	.....	5
Total.....	64	304	50½	2	.....	12
Yearly earnings....	.....	.....	.....	\$302 66	.....	\$329 33

Iron—Structural

MALES.						
1.....	63	306	51	.....	.....	.....
2.....	425	306	51	3	1	6
3.....	20	306	51	.....	1	.....
4.....	36	306	51	.....	.....	.....
5.....	83	306	51	.....	.....	.....
6.....	200	300	50	.....	.....	.....
7.....	49	300	50	1	3	5
8.....	50	300	50	.....	.....	.....
9.....	48	300	50	6	.....	6
Total.....	974	303	50½	10	5	17
Yearly earnings....	.....	.....	.....	\$302 00	\$377 75	\$328 75

—Continued.

Forgings and Castings—Concluded.

NUMBER CLASSIFIED EARNINGS WEEKLY—

\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$12.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	Average yearly earn- ings to each employee.
							231 50
							204 00
10	15	25					429 55
10	15	25					\$411 77
\$380 00	\$436 67	\$481 33					

and Ornamental.

			4	2	4	53	\$972 24
5		99	63	110	135	3	676 20
		5			8	6	799 15
		30	4	2			504 33
	15	9	12	15	22	10	696 87
		40	40	40	40	40	715 00
4	1	6	13	9	3	4	556 68
		25		25			575 00
	3		2	14	16	1	634 48
9	19	214	133	217	229	117	987 38
\$378 75	\$429 25	\$479 75	\$556 50	\$681 75	\$683 75	\$1,010 00	

Table No. 41—

Liquors—Malt

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALSS.						
1.....	74	365	60½	.....	1	3
2.....	63	365	60½	.....	.....	2
3.....	80	313	52½	.....	3	2
4.....	100	313	52½	30	.....	.....
5.....	36	313	52½	.....	.....	.....
6.....	65	310	51¾	.....	1	.....
7.....	35	306	51	.....	.....	3
8.....	10	306	51	.....	.....	.....
9.....	33	306	51	1	1	1
10.....	35	306	51	.....	2	2
11.....	30	306	51	.....	.....	.....
12.....	102	306	51	13	4	10
13.....	37	300	50	.....	.....	.....
Total.....	650	317	52½	44	12	23
Yearly earnings....	.....	.....	.....	\$211 33	\$290 60	\$343 40
FEMALES.						
1.....	2	313	52½	.....	2	.....
2.....	3	310	51¾	3	.....	.....
3.....	3	310	51¾	3	.....	.....
Total.....	8	311	51½	6	2	.....
Yearly earnings....	.....	.....	.....	\$207 33	\$235 10	.....

Continued.

and Distilled.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	Average yearly earn- ings to each employé.
1		6	1	7	54	1	\$953 60
1	1	3	11	27	17	1	830 40
		3	6	14	2		605 13
13		14	13	25	3	1	478 39
	4		1	30		1	881 06
		12	4	38	10	2	690 51
		15		5	9	3	651 24
					10		392 50
5	1	2	2	16	2	2	608 91
3	1	22	3		1	1	487 41
			5	10	15		769 25
4	19		8	20	22	2	556 75
		4	10	17	6		638 51
27	28	81	64	208	151	14	\$951 57
\$395 25	\$449 10	\$501 90	\$581 15	\$713 25	\$924 60	\$1,055 70	
							296 00
							305 66
							204 00
							\$225 50

Table No. 41—

Machines and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	18	353	58½	2	.....	2
2.....	36	314	52½	.....	.....	.....
3.....	30	312	52	6	.....	.....
4.....	34	310	51½	1	.....	.....
5.....	28	307	51½	2	1	2
6.....	125	297	51½	1	3	1
7.....	23	306	51	1	1	.....
8.....	50	306	51	.....	.....	5
9.....	231	306	51	18	13	9
10.....	71	306	51	11	7	5
11.....	30	306	51	2	10	.....
12.....	47	306	51	6	2	1
13.....	44	306	51	.....	.....	.....
14.....	30	306	51	8	3	.....
15.....	118	306	51	7	.....	.....
16.....	106	306	51	9	2	3
17.....	76	306	51	3	5	.....
18.....	70	306	51	5	5	3
19.....	91	306	51	13	.....	.....
20.....	132	306	51	2	4	6
21.....	94	306	51	1	3	1
22.....	40	306	51	3	1	.....
23.....	167	306	51	2	3	6
24.....	38	306	51	.....	.....	.....
25.....	63	306	51	.....	.....	.....
26.....	150	306	51	10	10	.....
27.....	72	306	51	.....	4	3
28.....	27	305	50½	1	.....	.....
29.....	51	305	50½	4	.....	.....
30.....	14	305	50½	.....	.....	.....
31.....	30	304	50½	1	.....	.....
32.....	62	303	50½	3	2	4
33.....	22	303	50½	.....	1	1
34.....	96	302	50½	.....	3	12
35.....	40	301	50½	10	3	.....
36.....	25	300	50	1	.....	.....
37.....	20	300	50	5	.....	4
38.....	30	300	50	3	.....	2
39.....	179	300	50	2	1	.....
40.....	70	300	50	8	10	.....
41.....	260	300	50	3	1	.....
42.....	21	300	50	32	9	7
43.....	45	300	50	.....	1	.....
44.....	330	298	49½	.....	2	4
45.....	36	294	49	5	4	6
46.....	35	290	48½	11	1	.....
47.....	20	281	46½	.....	.....	.....
48.....	15	267	44½	1	.....	1
49.....	145	220	36½	4	5	1
50.....	219	210	35	12	6	3
Total.....	3,814	300	50	218	126	92
Yearly earnings.....	.....	.....	.....	\$200 00	\$275 00	\$335 00

Continued.

Machinery.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employe.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
		3			11		790 98
		1	9	5	30	1	794 73
6		2	3	8	4		534 73
		8	4	12	9		607 08
	2	4	6	1	6	2	602 19
1		24	12	5	74	4	751 94
		8	6	5		2	574 30
10	6	15		10	5		525 30
18	57	10	95	53	5	3	512 63
2	2	1	6	20	16		560 28
2			6	9	1		481 10
12	2		4	6	14		562 63
2			5	12	16		700 09
1	3	8	4	5	5		493 00
10	12	30	12	23	20	5	591 69
	5	6	15	24	40	2	671 18
3	7	5	10	35	8		596 24
6	8	6	8	12	15	6	612 96
24	10	1	7	25	11		523 17
10	20	15	20	30	24	1	587 85
7		24	4	17	16	1	592 67
2		3	10	7	10		589 69
4	41	25	15	19	45	7	619 48
				15	20	3	621 99
	21	6	2	17	7		596 50
	40	40	10	10	28	2	540 60
7		12	10	24	9	2	601 87
	2	10	6	7	7	1	610 94
	8	10	15	7	5	2	564 15
2		6			5	1	651 77
		9	5	8	6	1	687 55
	11	1	4	12	20	4	652 58
4		3	1	9	2		596 49
15	12	2	12	18	2		455 94
3		2	1	22	7	1	642 76
2	2	7	8		1		448 00
2		7	2	5	1	1	497 50
2	4	7	1	2	7	1	560 00
9	34	20	42	45	7	4	590 93
3	1	11	9	14	27	2	678 31
49	29	27	38	39	15	5	480 10
	1	4	4		10	1	692 86
5	6	5	8	7	4	4	561 66
14	3	89	49	78	79	3	615 79
2	2	3	9	8			481 47
		2	6	16	7	4	695 31
2		9	2	5	2		578 87
				9	3	1	606 06
4	6	2	16	59	43	5	499 42
7	9	20	30	42	80	10	466 10
253	364	521	551	620	777	92	5576 29
3375 00	3425 00	3475 00	3550 00	3675 00	3875 00	\$1,000 00	

Table No. 41

Machines and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
FEMALES.						
1.....	12	306	51	2	5	2
2.....	4	305	50½	1	.....	2
3.....	36	300	50	12	7	2
4.....	9	298	49¾	.....	.....	4
5.....	1	230	36¾	.....	.....	.....
Total.....	62	286	47¾	15	12	10
Yearly earnings....	.....	.....	.....	\$190 62	\$262 17	\$300 83

Meats, Packed

MALES.						
1.....	36	300	60	.....	.....	.....
2.....	75	320	55	.....	2	.....
3.....	5,755	313	53½	58	33	113
4.....	37	306	51	.....	1	.....
5.....	1,416	306	51	75	250	125
6.....	30	306	51	2	1	2
7.....	28	306	51	2	1	1
8.....	30	306	51	.....	.....	.....
9.....	42	306	51	.....	.....	.....
10.....	24	270	45	.....	.....	.....
Total.....	7,483	311	51½	137	288	241
Yearly earnings....	.....	.....	.....	\$207 33	\$285 10	\$336 90
FEMALES.						
1.....	2	320	55	.....	.....	.....
2.....	276	313	53½	142	2	94
3.....	581	306	51	125	100	175
4.....	2	270	45	2	.....	.....
Total.....	1,111	306	50½	270	162	269
Yearly earnings....	.....	.....	.....	\$203 35	\$279 89	\$330 42

Continued.

Machinery—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
1	1	1			1		\$352 75
2	10	2					\$24 06
3			1	1			\$13 89
	1						\$03 35
							\$11 65
7	12	2	1	1	1		\$324 94
\$368 51	\$406 17	\$452 83	\$524 33	\$643 50	\$834 17		

and Preserved.

7		12	12	4	1		\$316 06
52	27	2,153	1,349	1,182	648	140	\$745 80
		5	16	12	3		\$08 75
100	40	251	200	100	75	100	\$11 81
1	2	3	4	10	3	2	\$496 11
		1	10	10	2	1	\$598 70
	1		2	18	8		\$600 16
			5	25	10	2	\$721 65
	3	5	14	10	3		\$737 68
							\$325 44
160	73	2,530	1,635	1,405	766	248	\$589 58
\$398 75	\$440 60	\$492 40	\$570 15	\$699 75	\$907 10	\$1,036 06	
	1		1				\$336 25
35	1	1					\$278 69
148	100	75	25	25			\$255 19
							\$247 50
181	103	76	28	25			\$336 32
\$381 25	\$432 08	\$483 92	\$559 17	\$634 30			

Table No. 41—

Metals and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	28	350	59½	.....	.....	.....
2.....	180	308	51½	14	5	5
3.....	28	308	51½	7	2	1
4.....	23	308	51½	5	2	16
5.....	100	308	51½	5	2	4
6.....	51	308	51	2	.....	.....
7.....	207	308	51	19	4	17
8.....	25	308	51	.....	.....	.....
9.....	25	308	51	2	2	2
10.....	16	308	51	2	.....	.....
11.....	30	306	51	6	.....	.....
12.....	25	306	51	7	.....	8
13.....	55	306	51	15	5	2
14.....	36	306	51	5	2	2
15.....	30	306	51	.....	.....	.....
16.....	55	306	51	.....	.....	.....
17.....	27	306	51	2	.....	2
18.....	23	306	51	.....	.....	.....
19.....	30	306	51	8	2	2
20.....	87	305	50½	8	12	9
21.....	28	302	50½	.....	.....	6
22.....	63	300	50	1	2	2
23.....	115	300	50	.....	4	6
24.....	21	300	50	1	.....	.....
25.....	41	299	49½	9	2	5
26.....	48	298	48½	8	2	.....
27.....	361	290	48½	113	23	26
28.....	41	290	48½	.....	1	1
29.....	160	288	47½	15	.....	2
30.....	186	288	47	44	19	10
31.....	25	280	46½	5	5	2
32.....	42	277	44½	8	.....	2
33.....	80	260	40	.....	.....	.....
34.....	45	200	32½	9	2	2
35.....	18	170	28½	.....	5	2
Total	2,950	294	49	323	112	141
Yearly earnings ...	.....	.....	.....	\$196 00	\$269 50	\$319 50
FEMALES.						
1.....	1	308	51½	.....	.....	1
2.....	2	308	51	.....	.....	1
3.....	5	308	51	6	.....	.....
4.....	1	306	51	.....	.....	.....
5.....	4	300	50	1	.....	.....
6.....	5	300	50	.....	2	.....
7.....	21	299	49	13	7	.....
8.....	229	290	48½	63	5	62
9.....	7	283	47	7	.....	.....
10.....	15	200	32½	10	2	2
Total	291	290	48½	100	18	66
Yearly earnings ...	.....	.....	.....	\$192 33	\$265 83	\$314 17

Continued.

Metallic Goods.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50.	Av., \$8.50.	Av., \$9.50.	Av., \$11.00.	Av., \$13.50.	Av., \$17.50.		
		4	5	9	7	3	\$327 08
5	8	18	20	18	47	10	708 83
4		4	2	9	4		508 66
		8	1	4	3		409 89
6	14	8	14	28	10	9	607 79
2		14	2	9	16	6	699 11
16	46	41	23	18	23	1	496 09
1	3	7	6	7	1		565 10
1	5	4	3	3	1	1	483 46
1		4	2	4		3	604 08
			13	12			507 27
5	3	2	4	4	2	1	446 61
8	2	6	1	1	14	1	485 43
1	5	1	2	5	11	1	583 66
11			4	14	1		396 10
2	2	4	2	8	27	10	808 05
1	4	8	4	3	1	1	504 33
8	6	5	4	4	1		524 41
2		4	5	6			407 55
11	7	13	10	4	11	2	478 24
4			6	12	10		625 19
2	1	11	7	14	20	3	680 33
30	40	10	10	10	5		458 04
2		5	6	4	3		569 06
8	1	8		2	3	2	424 19
2		9	9	10	2		476 49
44	57	335	173	143	33	6	471 19
		11	6		20	2	674 90
25	30	17	40	24	7		475 65
23	19	17	23	18	13	2	401 64
3		3	2		1		316 40
6	3	9	1	12	1		430 34
	3	24	11	12	25	5	537 00
		6	4	5	12	3	378 15
	5			6			258 03
228	268	605	433	451	337	73	\$507 49
\$367 50	\$416 50	\$465 50	\$529 00	\$661 50	\$867 50	\$980 00	.....
							\$331 50
1							357 00
							204 00
			1				561 00
1	2						356 25
3							315 00
1							233 55
99							337 46
							185 66
							154 44
104	2		1				\$307 61
\$362 50	\$409 18		\$531 66				.....

Table No. 41—

Musical

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	49	315	52½	4	.....	2
2.....	25	306	51½	3	1	1
3.....	396	306	51	14	6	20
4.....	33	306	51	6	4	2
5.....	42	306	51	4	1	1
6.....	257	306	51	37	20	29
7.....	185	306	51	2	2	5
8.....	228	306	51	6	4	9
9.....	110	306	51	.....	3	.....
10.....	93	300	50	8	9	10
11.....	170	300	50	.....	5	19
12.....	225	300	50	.....	.....	.....
13.....	60	300	50	.....	.....	.....
14.....	59	275	45½	2	2	5
Total.....	1,872	303	50½	96	57	94
Yearly earnings .....	.....	.....	.....	\$302 00	\$377 75	\$328 25
FEMALES.						
1.....	9	306	51	9	.....	.....
2.....	39	306	51	11	10	10
3.....	5	306	51	.....	.....	.....
Total.....	53	306	51	20	10	10
Yearly earnings .....	.....	.....	.....	\$304 00	\$280 50	\$331 50

Continued.

Instruments.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
.....	4	5	15	12	4	3	\$608 13
1	1	1	5	5	7	.....	604 70
12	25	20	50	70	60	59	673 40
1	.....	3	6	7	2	2	510 77
1	1	4	3	11	14	2	666 03
24	10	45	23	29	23	6	482 12
15	24	26	23	23	29	30	653 63
7	8	21	16	41	56	60	696 43
54	.....	13	15	18	5	2	500 96
12	5	20	12	10	3	4	466 94
25	45	20	50	70	5	3	483 68
6	.....	.....	.....	50	161	8	521 67
.....	10	10	10	10	10	10	666 66
5	4	3	1	14	16	7	599 33
163	137	191	229	313	396	196	\$619 86
\$378 75	\$429 25	\$479 75	\$555 50	\$681 75	\$893 75	\$1,010 00	.....
.....
.....	.....	.....	.....	.....	.....	.....	204 00
4	2	.....	2	.....	.....	.....	204 69
.....	.....	.....	5	.....	.....	.....	561 00
.....
4	3	.....	7	.....	.....	.....	\$311 77
\$392 50	\$433 50	.....	\$561 00	.....	.....	.....	.....

Table No. 41—

Printing, Publishing

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.60.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$5.50.
MALES.						
1.....	24	360	60	3	2	1
2.....	32	312	52	3	.....	.....
3.....	36	312	52	12	3	2
4.....	29	312	52	18	1	1
5.....	9	312	52	2	.....	.....
6.....	30	312	52	2	.....	.....
7.....	16	312	52	6	.....	.....
8.....	98	311	51	2	5	1
9.....	44	310	51 ³	5	1	2
10.....	30	308	51 ³	2	.....	.....
11.....	46	307	51	2	2	5
12.....	66	307	51	6	.....	1
13.....	106	307	51	2	.....	4
14.....	104	307	51	14	13	10
15.....	40	306	51	5	3	3
16.....	35	306	51	.....	3	2
17.....	218	306	51	25	6	5
18.....	66	306	51	11	3	2
19.....	30	306	51	2	2	1
20.....	42	306	51	4	1	2
21.....	46	306	51	4	2	.....
22.....	42	306	51	3	1	3
23.....	37	306	51	2	1	.....
24.....	21	306	51	1	.....	.....
25.....	21	306	51	2	2	1
26.....	35	306	51	28	.....	.....
27.....	40	306	51	.....	.....	.....
28.....	18	306	51	4	.....	3
29.....	72	306	51	6	4	8
30.....	112	306	51	4	6	4
31.....	13	306	51	1	.....	.....
32.....	51	306	51	12	.....	4
33.....	19	306	51	2	.....	.....
34.....	56	306	51	16	3	2
35.....	140	306	51	5	2	3
36.....	20	306	51	1	.....	1
37.....	40	306	51	4	.....	.....
38.....	31	306	51	2	.....	.....
39.....	61	306	51	4	4	4
40.....	30	306	51	2	.....	.....
41.....	31	306	51	.....	.....	.....
42.....	55	306	51	.....	2	.....
43.....	60	306	51	5	3	2
44.....	40	305	50	.....	.....	.....
45.....	11	305	50	.....	3	.....
46.....	22	305	50	3	.....	3
47.....	196	304	50 ³	21	7	9
48.....	13	300	50	.....	.....	2
49.....	18	300	50	.....	.....	3
50.....	32	300	50	.....	1	1
51.....	27	300	50	3	3	1
52.....	54	300	50	2	.....	2
53.....	20	290	48 ³	3	.....	2
Total.....	2,565	307	51 ¹	274	87	100
Yearly earnings ...	.....	.....	.....	\$204 67	\$281 42	\$332 58

Continued.

and Bookbinding.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. (Av., \$7.50.	\$8 but under \$9. Av., \$8.50.)	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
	2		3	10	11	2	3785 82
	5		10		10	4	683 87
2			1	11	1	3	483 26
	1		4	2		2	305 06
1		1	4	1			478 69
1			19	5		1	601 46
	2		1		7		587 12
4	3	5	5	12	22	39	781 63
1		4	2	20	5	4	535 20
			2	7	15	4	799 06
			5	4	12	6	640 14
2	4	3	13	10	10	7	641 41
2	2	4	4	12	45	14	725 64
10	5	9	15	7	19	15	578 08
6	2	8	4	2	12	1	554 52
3	2	4		1	6	18	506 53
	5	3	25	43	39	39	730 96
2		3	17	15	4	10	595 77
		4		7	1		504 90
3		1	4		17	4	656 53
1	9	2	3	6	16	3	697 94
	2	2	5	1	16	3	642 96
3	5	2	6	3	15	5	725 40
	3	1	2	6	6		636 29
2	2	3	2	1	6		550 07
2	1	3	1	1	1		275 81
10	10	5	5	5	5		532 81
				7		4	595 00
5	8	12	4	7	12	6	556 75
2	2	1	5	6	45	37	810 53
	1	1	1	1	8		781 65
1	7	1	2	6	11	6	577 80
	4	1	4	2	4	2	624 08
3	2	3	3	13	8	3	519 11
14	4	7	13	14	61	17	725 93
4				4	7	3	706 35
					32	4	836 40
4	8	3	4	2	3	5	588 96
1	6	6	7	14	11	4	600 29
	3		2	8	14	1	396 60
		5	11		12	3	721 40
			30	6	15	1	656 97
2	4	4	3	12	17	8	670 65
	3	3	4	10	10	11	787 28
				4	2	1	591 51
3		9	2	1	2	1	504 87
14	5	12	15	20	73	20	650 14
	1	2		1	6	1	698 46
		1	2	9	2	1	631 94
2	5	1	7	2	7	3	589 94
3			1	4	10	1	303 57
3	4	3	4	21	10	5	656 02
			4	2	7	2	624 71
116	128	141	296	369	718	336	8653 12
2233 75	3424 92	3486 06	3563 83	3690 75	3896 43	\$1,023 00	

Table No. 41

Printing, Publishing and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
FEMALES.						
1.....	18	312	521	18		
2.....	4	312	521	1	1	1
3.....	2	312	52	2		
4.....	2	312	52			
5.....	25	311	511	3	6	11
6.....	12	310	51 ³	5	3	1
7.....	28	308	51 ³	5	2	9
8.....	34	307	511	26	4	2
9.....	53	307	511	28	3	5
10.....	78	307	511	34	7	20
11.....	45	307	511	5	4	12
12.....	7	306	51	1	1	1
13.....	8	306	51			1
14.....	72	306	51	19	8	7
15.....	4	306	51	1	2	
16.....	14	306	51	12	1	
17.....	14	306	51	3	4	
18.....	15	306	51	2	4	2
19.....	17	306	51	1	6	2
20.....	8	306	51	2	3	
21.....	7	306	51	1		3
22.....	4	306	51	1	2	1
23.....	35	306	51	29	2	2
24.....	10	306	51	2	2	3
25.....	17	306	51			
26.....	26	306	51	11	7	2
27.....	6	306	51	3		1
28.....	9	306	51		2	4
29.....	9	306	51	1	2	3
30.....	26	306	51	26	6	3
31.....	57	306	51	9	5	9
32.....	10	306	51			
33.....	11	306	51	6		4
34.....	29	306	51	8	6	7
35.....	10	306	51	2		4
36.....	18	306	51	4	3	1
37.....	10	305	501			
38.....	5	206	501	3	2	
39.....	14	305	501	10		2
40.....	69	304	501 ³	21	12	10
41.....	23	300	501 ³	6	14	2
42.....	8	300	50			5
43.....	17	300	50	6	3	5
44.....	14	300	50	6	3	1
45.....	36	300	50	10	8	10
46.....	8	290	481 ³	2	2	
Total.....	957	306	51	324	127	154
Yearly earnings....				\$204 00	\$280 50	\$331 50

—Continued.

Bookbinding—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employee.
\$7 but under \$8. Av., \$7.53.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
1							\$206 67
2			1		1	1	906 48
7	2	2		1			908 09
2							741 00
2							359 72
2							325 08
2							351 08
2	5	5	3				321 76
2	10	3					903 14
2	7	4		2			901 76
2	1	1		2		2	400 28
6	6	7	3	12	4		357 00
1		1	1	1			707 62
2							420 04
6							363 37
1							222 21
2	2	1	1	1			364 28
6	1	1	1				328 10
6	1	1	1				349 50
1	3	1					337 87
2			2				357 00
2							274 12
12	1						241 88
2	8	2					316 20
2	1	1	2				408 50
	2	1					296 21
	2		1				345 50
	2			1			368 32
	1			1	1		419 32
8	9	8	6	2	1		241 28
9		1					445 00
			1				392 70
1	4	2		1			324 55
2	2				1		324 46
4	1	1	1	2	1		326 60
8	2						403 75
1		1					391 41
16	6	4					223 82
							254 16
							311 34
							259 09
2	1						350 00
2			1				291 18
2		1		1			592 59
8							290 28
3				1			322 39
134	77	49	25	29	13	3	\$326 91
\$382 50	\$433 50	\$484 50	\$561 00	\$688 50	\$892 50	\$1,020 00	

Table No. 41

Railroad Construction

Number of establishment.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	330	365	60½	10	3	11
2.....	157	365	60½	.....	8	8
3.....	213	365	60½	2	2	30
4.....	231	330	55	.....	2	.....
5.....	173	313	52½	.....	.....	3
6.....	1,113	313	52½	31	.....	20
7.....	232	313	52½	.....	.....	.....
8.....	31	313	53½	7	3	.....
9.....	506	313	52½	16	13	78
10.....	39	313	52½	.....	.....	.....
11.....	377	310	51½	.....	.....	.....
12.....	73	310	51½	.....	.....	.....
13.....	336	309	51½	13	25	30
14.....	67	306	51	.....	.....	.....
15.....	96	306	51	.....	.....	.....
16.....	48	306	51	.....	.....	.....
17.....	114	306	51	.....	.....	.....
18.....	1,796	306	51	4	10	18
19.....	151	306	51	.....	.....	6
20.....	23	306	51	.....	.....	.....
21.....	21	306	51	.....	.....	.....
22.....	443	306	51	5	.....	7
23.....	378	306	51	6	2	9
24.....	107	306	51	3	6	13
25.....	352	306	51	5	.....	45
26.....	229	306	51	10	50	50
27.....	423	306	51	.....	.....	2
28.....	62	306	51	3	.....	.....
29.....	168	306	51	.....	.....	.....
30.....	173	306	51	.....	9	.....
31.....	75	306	51	.....	.....	.....
32.....	2,481	306	51	34	15	33
33.....	20	305	50½	.....	.....	.....
34.....	1,423	304	50½	2	11	51
35.....	128	287	44½	1	.....	1
36.....	1,306	237	42½	5	60	48
37.....	408	257	42½	23	13	117
Total.....	14,263	309	51½	183	237	579
Yearly earnings....	.....	.....	.....	\$306 00	\$333 25	\$334 75
FEMALES.						
1.....	2	309	51½	.....	.....	.....
2.....	3	306	51	.....	.....	.....
3.....	2	306	51	.....	.....	.....
4.....	1	306	51	.....	.....	1
Total.....	8	307	51½	.....	.....	1
Yearly earnings....	.....	.....	.....	.....	.....	\$332 50

—Continued.

and Equipment.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employe.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50.	Av., \$8.50.	Av., \$9.50.	Av., \$11.00.	Av., \$13.50.	Av., \$17.50.		
2	63	90	64	48	40	.....	8959 40
4	23	6	52	36	10	.....	657 35
19	27	7	25	53	21	28	790 28
4	4	1	90	94	25	1	708 57
38	41	58	9	19	5	2	503 97
352	59	167	121	178	161	14	558 96
.....	37	55	99	40	1	.....	559 43
.....	6	2	2	2	5	3	539 34
118	43	22	27	146	15	28	535 23
.....	.....	14	8	11	6	.....	634 69
.....	18	64	80	130	82	12	679 20
.....	2	19	23	18	4	3	905 18
49	47	40	89	70	30	7	518 07
7	1	34	12	8	5	.....	541 59
10	.....	48	10	16	12	.....	586 24
22	.....	14	4	2	5	.....	493 00
46	.....	21	6	10	15	.....	516 26
142	209	256	240	502	412	3	628 94
.....	116	11	2	12	3	.....	465 22
.....	20	3	3	2	3	1	611 56
.....	2	2	3	5	4	.....	593 57
70	25	126	107	26	67	.....	553 08
46	36	50	37	24	59	.....	570 51
7	15	16	20	19	8	.....	518 51
62	55	46	49	79	10	1	504 57
29	21	6	28	25	.....	.....	417 26
3	10	151	123	51	57	16	905 73
1	24	5	11	5	14	.....	576 22
.....	.....	108	19	44	2	.....	551 44
.....	26	35	43	24	23	4	577 51
.....	6	17	81	15	3	.....	577 22
104	608	211	312	269	515	379	656 52
1	1	2	5	8	2	1	643 04
170	187	286	257	264	219	76	599 06
46	7	20	8	22	18	.....	456 30
409	202	220	154	164	28	16	401 91
76	28	34	34	43	15	11	373 37
1,895	1,963	2,241	2,237	2,492	1,899	607	8573 71
3996 25	3437 75	3489 25	3566 50	3695 25	3901 25	\$1,080 00	.....
.....
2	.....	.....	.....	.....	.....	.....	286 25
3	.....	.....	.....	.....	.....	.....	282 50
.....	.....	2	.....	.....	.....	.....	464 50
.....	.....	.....	.....	.....	.....	.....	331 50
5	.....	2	.....	.....	.....	.....	3402 56
3383 75	.....	3496 08	.....	.....	.....	.....	.....

Table No. 41

Stoves and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4 60.	\$5 but under \$6. Av., \$5.50.	\$6 but under \$7. Av., \$6.50.
MALES.						
1.....	295	300	50	40	6	14
2.....	70	300	50	12	2	1
3.....	52	300	50	.....	5	11
4.....	22	290	48 ¹ / ₂	.....	.....	1
5.....	8	290	46 ² / ₃	.....	.....	.....
6.....	51	270	45	4	2	3
7.....	28	265	44 ¹ / ₂	.....	2	.....
8.....	126	251	41 ¹ / ₂	12	7	4
9.....	377	247	41 ¹ / ₂	20	12	14
10.....	64	225	37 ¹ / ₂	8	2	.....
11.....	95	215	35 ¹ / ₂	11	2	2
Total.....	1,213	268	44 ² / ₃	107	41	50
Yearly earnings....	.....	.....	.....	\$175 66	\$245 70	\$290 23
FEMALES.						
1.....	16	290	46 ² / ₃	14	2	.....
Yearly earnings....	.....	.....	.....	\$126 66	\$256 66	.....

—Concluded.

Castings.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50.	\$8 but under \$9. Av., \$8.50.	\$9 but under \$10. Av., \$9.50.	\$10 but under \$12. Av., \$11.00.	\$12 but under \$15. Av., \$13.50.	\$15 but under \$20. Av., \$17.50.	\$20 and over.	
20	25	28	25	48	55	24	\$572 54
3	.....	25	14	6	5	1	483 93
9	3	9	4	6	4	1	473 56
2	.....	1	8	9	1	.....	566 82
.....	.....	.....	1	2	.....	.....	591 10
8	8	10	12	10	15	8	535 83
1	.....	.....	6	.....	19	.....	657 77
3	20	15	2	11	23	29	531 28
81	25	53	46	80	37	10	435 09
1	1	11	7	6	8	20	504 78
3	11	6	5	7	20	23	490 54
121	93	158	140	185	187	121	\$505 65
\$325 00	\$379 66	\$434 23	\$491 23	\$603 00	\$781 66	\$893 33	.....
.....
.....	.....	.....	.....	.....	.....	.....	\$196 41
.....

TABLE No. 42—*Recapitulation*

MALES.

Number.	INDUSTRY.	Greatest number employed.	WORKING TIME.		GREATEST		
			Days.	Weeks	Under \$5	\$5 but under \$6.	\$6 but under \$7.
29	Agricultural implements	4,088	286	47½	\$190 06	\$363 17	\$309 83
4	Awnings, tents, etc.....	239	292	48½	194 06	267 67	316 34
30	Boxes, barrels, kegs, etc.....	2,378	271	45½	180 67	243 43	293 53
26	Brick, tile and sewer pipe	1,543	218	36½	145 33	190 83	286 17
39	Building material—wood	2,233	265	47½	190 90	261 25	293 75
20	Carriages and wagons.....	1,424	265	47½	190 90	261 25	308 75
45	Clothing	1,505	290	48½	193 33	265 83	314 17
4	Electric apparatus, etc.....	2,654	305	50½	303 33	379 89	390 43
7	Electric light, power and gas.....	467	347	57½	231 33	318 08	375 92
29	Food preparations.....	1,796	226	37½	150 00	206 25	243 75
52	Furniture.....	3,981	300	50	200 00	275 00	325 00
28	Iron and steel forgings, castings..	7,126	290	48½	193 33	265 83	314 16
9	Iron—structural and ornamental..	974	303	50½	202 00	277 75	328 25
13	Liquors—malt and distilled.....	650	317	52½	211 33	290 60	343 40
50	Machines and machinery.....	3,814	300	50	200 00	275 00	325 00
10	Meats, packing and preserving....	7,483	311	51½	207 33	285 10	296 90
35	Metals and metallic goods.....	2,960	294	49	196 00	269 50	318 50
14	Musical instruments	1,872	303	50½	202 00	277 75	328 25
53	Print'g, publish'g and bookbind'g.	2,565	307	51½	204 67	281 42	332 58
37	Railroad construct'n, etc.....	14,268	309	51½	206 06	283 25	284 75
11	Stoves and castings.....	1,213	269	44½	178 66	245 70	290 33
545	Totals and earnings.....	66,028	291	48½	\$194 00	\$266 75	\$315 25

Table No. 41—1900.

MALES.

NUMBER CLASSIFIED EARNING WEEKLY—							Aggregate wages earned and paid to greatest number.	Average yearly earnings to each employé.
\$7 but under \$8 Av. \$7.50	\$8 but under \$9 Av., \$8.50	\$9 but under \$10 Av., \$9.50	\$10 but under \$12 Av., \$11	\$12 but under \$15 Av. \$13.50	\$15 but under \$20 Av. \$17.50	\$20 and over.		
3398 51	3405 17	3453 83	3524 33	3643 50	3834 17	3954 78	62,061,486	3510 51
363 46	413 67	463 33	535 33	657 00	851 66	973 33	100,941	423 35
338 75	383 92	439 08	496 83	609 75	790 42	903 33	1,430,955	430 62
272 50	306 83	345 17	404 00	490 50	635 83	741 83	636,969	412 81
356 25	403 75	451 25	522 50	641 25	831 25	960 00	1,116,338	499 92
346 25	408 75	451 25	522 80	641 25	831 25	960 00	728,096	511 72
362 59	410 83	459 17	531 66	652 50	845 83	968 67	970,055	644 55
381 25	432 08	483 92	559 17	684 30	889 58	1,016 70	1,258,119	474 05
432 75	492 25	549 42	636 16	780 62	1,012 08	1,156 67	308,926	661 51
281 25	318 75	356 25	412 50	506 25	656 25	750 00	625,715	380 09
376 00	425 00	475 00	550 00	675 00	875 00	1,000 00	2,071,752	531 08
362 50	410 83	459 17	531 67	652 50	845 83	968 67	4,472,049	627 57
378 75	429 25	479 75	565 50	681 75	883 75	1,019 00	669,513	687 38
396 25	449 10	501 90	581 15	718 25	924 60	1,056 70	430,033	661 57
375 00	425 00	475 00	550 00	675 00	875 00	1,000 00	2,197,976	576 29
386 75	440 80	492 40	570 15	699 75	907 10	1,036 66	4,411,812	689 58
367 50	416 50	465 50	539 00	661 50	857 50	980 00	1,497,097	507 49
378 75	429 25	479 75	555 50	681 75	883 75	1,010 00	1,180,377	619 86
388 75	434 92	486 08	562 83	690 75	895 42	1,023 00	1,675,243	653 12
386 25	437 75	489 25	566 80	695 25	901 25	1,030 00	3,183,385	573 74
335 00	379 66	424 33	491 33	603 00	781 66	893 33	613,354	505 65
3363 75	3412 25	3480 75	3593 50	3654 75	3848 75	3970 00	336,610,640	3554 49

Table No. 42

FEMALES.

Number.	INDUSTRY.	Greatest number employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5 Av., \$4	\$5 but under \$8 Av., \$5.50	\$8 but under \$7 Av., \$6.50
2	Agricultural implements.....	3	300	50	.....	.....	.....
4	Awnings, tents, etc.....	191	292	48 ² / ₃	\$194 66	\$267 67	\$316 34
3	Boxes, barrels, kegs, etc.....	21	305	50 ¹ / ₂	203 33	279 58	330 43
13	Carriages and wagons.....	51	278	46 ¹ / ₃	185 33	264 33	301 64
45	Clothing.....	2,202	299	48 ¹ / ₃	123 33	265 33	314 17
3	Electric apparatus, etc.....	1,085	305	50 ¹ / ₂	203 33	279 59	330 43
3	Electric light, power and gas.....	5	234	54	216 00	297 00	.....
24	Food preparations.....	869	222	37	148 00	203 50	260 50
11	Furniture.....	127	305	50 ¹ / ₂	203 33	279 59	330 43
3	Iron and steel forgings.....	64	304	50 ² / ₃	203 66	278 66	329 33
3	Liquors, malt and distilled.....	8	311	51 ¹ / ₂	297 33	295 10	.....
5	Machines and machinery.....	63	286	47 ² / ₃	190 67	262 17	309 33
4	Meats, packed and preserved.....	1,111	305	50 ¹ / ₂	203 33	279 59	330 43
10	Metals and metallic goods.....	291	290	48 ¹ / ₃	123 33	265 33	314 17
3	Musical instruments.....	53	306	51	204 00	280 50	331 50
46	Print'g, publish'g and bookbind'g	967	306	51	204 00	280 59	331 50
4	Railr'd construct'n and equipment	8	307	51 ¹ / ₂	.....	.....	332 58
1	Stoves and castings.....	16	280	46 ² / ₃	186 66	256 66	.....
197	Totals and earnings.....	7,140	295	49 ¹ / ₂	\$196 66	\$269 43	\$319 58

—Concluded.

FEMALES.

NUMBER CLASSIFIED EARNING WEEKLY—							Aggregate wages earned and paid to greatest number.	Average yearly earnings to each employe.
\$7 but under \$8 Av., \$7.50	\$8 but under \$9 Av., \$8.50	\$9 but under \$10 Av., \$9.50	\$10 but under \$11 Av., \$11	\$11 but under \$12 Av., \$12.50	\$12 but under \$15 Av., \$17.50	\$15 and over.		
3375 00		3475 00					\$1,225	\$408 33
363 46	3413 67	463 34	3535 34				54,369	284 65
406 25				3685 25			8,072	260 36
347 50		440 16	509 67				18,564	265 96
362 50	410 83	459 17	531 66	653 50	3645 83	3946 07	748,925	336 32
381 25	433 08	482 92	559 17				290,481	267 72
		513 00					1,485	266 96
377 50	327 09	361 59	407 00	499 50	647 50		194,176	223 46
381 25	433 00	493 93	559 17		899 58	1,016 70	42,780	336 86
380 00	430 67	481 33					26,364	411 77
							1,804	235 50
368 51	405 17	453 83	524 33	643 50	834 17		20,767	334 94
381 25	433 08	482 92	559 17	634 30			373,650	336 33
362 50	409 18		531 66				89,341	307 01
323 50	423 50		561 00				16,534	311 77
323 50	423 50	484 50	561 00	686 50	892 50	1,020 00	312,957	336 91
333 75		486 08					3,221	402 56
							3,127	195 41
3363 75	3417 93	3467 08	3540 83	3663 75	3860 42	3983 33	\$2,197,721	\$307 80

TABLE NO. 43—*Weekly and Yearly Earnings of the Greatest*
Agricultural

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	550	320	53 ¹ / ₂	23	8	8
2.....	77	313	52 ¹ / ₂		6	
3.....	78	311	51 ¹ / ₂	12	1	3
4.....	251	306	51	4	5	9
5.....	308	308	51	1	1	2
6.....	31	306	51			
7.....	104	308	51	2	2	4
8.....	90	308	51		5	
9.....	60	306	51	3		4
10.....	35	306	51			
11.....	80	306	50 ¹ / ₂	2	1	3
12.....	247	306	50 ¹ / ₂	1	2	9
13.....	543	300	50			12
14.....	110	300	50	11	23	30
15.....	30	300	50			20
16.....	71	299	49 ¹ / ₂		1	1
17.....	126	291	48 ¹ / ₂	4	4	2
18.....	69	290	48 ¹ / ₂		8	2
19.....	30	288	48	2	1	1
20.....	175	286	47 ³ / ₄	21		8
21.....	58	281	46 ¹ / ₂	5		2
22.....	120	279	46 ¹ / ₂	3		5
23.....	124	278	46 ¹ / ₂	4	2	20
24.....	72	260	43 ¹ / ₂	2	2	2
25.....	33	252	42	4	2	1
26.....	267	233	38 ¹ / ₂	3		6
27.....	67	216	36	5	6	5
28.....	125	180	30	1		
29.....	80	170	28 ¹ / ₂		4	3
Total.....	3,906	283	47 ¹ / ₂	113	93	163
Yearly earnings....				\$198 67	\$269 42	\$306 58
FEMALES.						
1.....	2	300	50			
2.....	1	300	50			
Total.....	3	300	50			
Yearly earnings....						

*Number of Employed in Twenty-one Selected Industries—1901.**Implements.*

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employe.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
96	184	101	37	36	58	.....	\$517 28
23	7	23	24	16	1	.....	547 75
15	8	4	7	11	6	3	438 06
88	28	96	40	41	11	2	526 36
6	26	40	15	27	2	1	518 56
6	14	4	4	4	3	.....	540 44
40	28	36	18	14	4	.....	506 08
9	25	10	4	.....	6	.....	444 25
3	24	6	4	4	10	.....	534 22
6	13	2	4	1	1	1	503 88
9	19	1	30	14	1	3	537 25
11	21	57	31	62	53	2	618 75
12	87	191	54	102	88	2	569 48
.....	6	5	6	7	.....	.....	349 77
.....	10	.....	.....	.....	.....	.....	376 67
2	3	26	8	16	10	4	592 49
6	15	23	39	23	30	.....	570 59
4	8	23	5	12	7	1	506 80
2	3	4	5	8	2	2	538 40
8	.....	34	23	39	49	3	577 72
18	16	18	6	14	16	2	590 67
18	2	38	8	9	21	2	501 23
2	3	22	2	27	25	.....	511 54
3	4	17	18	8	17	.....	509 17
3	6	7	6	2	2	.....	383 72
.....	5	62	43	75	73	.....	501 12
10	10	10	15	5	2	.....	322 72
1	1	54	23	26	19	.....	352 68
23	15	12	8	2	3	.....	247 21
430	540	339	480	605	516	28	\$514 54
3253 75	3400 92	3448 08	3518 53	3635 75	3635 42	3943 23	.....
.....
2	.....	.....	.....	.....	.....	.....	\$375 00
.....	.....	1	.....	.....	.....	.....	475 00
2	.....	1	.....	.....	.....	.....	\$408 33
3375 00	.....	3475 00	.....	.....	.....	.....	.....

Table No. 43—

Earnings,

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	84	307	51½	5	1	1
2.....	4	306	51	2	.....	.....
3.....	12	306	51	6	.....	4
4.....	151	165	27½	28	15	12
Total.....	251	271	45½	51	16	17
Yearly earnings....	.....	.....	.....	\$180 67	\$348 42	\$238 58
FEMALES.						
1.....	88	307	51½	14	7	11
2.....	36	306	51	10	.....	12
3.....	65	306	51	28	20	12
4.....	60	165	27½	18	29	13
Total.....	199	271	45½	70	56	48
Yearly earnings....	.....	.....	.....	\$180 67	\$348 42	\$238 58

Boxes, Barrels,

MALES.						
1.....	10	311	51½	2	2	1
2.....	129	307	51½	25	5	17
3.....	394	307	51½	.....	28	8
4.....	54	306	51	.....	.....	.....
5.....	128	304	50¾	14	.....	32
6.....	62	301	50½	10	2	2
7.....	63	301	50½	10	2	2
8.....	70	300	50	8	.....	10
9.....	24	300	50	.....	.....	.....
10.....	40	300	50	11	.....	2
11.....	300	300	50	10	15	19
12.....	97	300	50	12	1	.....
13.....	75	300	50	.....	.....	.....
14.....	608	300	50	40	120	.....
15.....	69	295	49½	8	3	2
16.....	620	291	48¾	73	2	22
17.....	187	288	48	48	.....	101
18.....	16	286	47¾	.....	2	6
19.....	160	283	47½	21	3	1
20.....	83	280	46¾	6	2	1
21.....	107	280	46¾	9	.....	23
22.....	67	270	45	3	5	.....
23.....	112	260	43¾	29	6	48
24.....	35	245	40½	4	.....	6
25.....	120	242	40¾	5	14	27
26.....	22	226	37¾	14	4	.....
27.....	64	225	37¾	20	12	5
28.....	22	200	33¾	4	.....	.....
29.....	75	200	33¾	.....	.....	.....
30.....	10	40	6¾	.....	.....	3
Total.....	3,654	272	45¾	397	223	335
Yearly earnings....	.....	.....	.....	\$181 33	\$349 03	\$294 67

Continued.

Tents, Etc.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employé.
3	1	11	8	38	11	5	\$645 98
.....	1	.....	.....	1	1	.....	433 50
22	40	4	10	10	.....	.....	344 25
.....	.....	.....	.....	.....	.....	.....	200 42
25	42	15	18	49	12	5	\$360 12
\$333 75	\$393 92	\$429 08	\$496 83	\$609 75	\$790 42	\$983 23	.....
.....
2	3	1	.....	.....	.....	.....	290 84
6	3	3	2	.....	.....	.....	335 55
6	.....	.....	.....	.....	.....	.....	264 81
.....	.....	.....	.....	.....	.....	.....	144 83
13	6	4	2	.....	.....	.....	\$246 95
\$333 75	\$393 92	\$429 08	\$496 83	.....	.....	.....	.....

Kegs, Etc

.....	1	.....	1	.....	2	.....	\$435 40
9	2	3	26	39	2	1	463 28
2	28	11	56	175	4	2	570 91
.....	5	15	16	18	.....	.....	702 19
63	9	6	3	3	2	.....	\$76 04
45	4	11	3	2	3	1	406 47
45	4	11	3	2	3	1	406 47
20	10	20	.....	1	1	.....	395 00
.....	1	5	10	4	3	2	614 58
2	1	9	6	8	1	.....	446 88
10	25	25	45	40	20	.....	524 38
11	23	3	35	5	1	1	460 05
.....	5	20	15	10	25	.....	645 67
160	150	.....	113	.....	20	3	408 72
3	9	6	.....	18	21	1	584 30
379	23	47	15	20	19	11	398 67
21	.....	6	2	6	1	2	351 66
1	.....	8	2	1	.....	.....	454 22
.....	5	50	16	23	34	2	534 60
.....	6	7	3	4	24	.....	596 42
45	6	8	4	3	2	.....	354 58
11	7	22	10	7	1	.....	424 81
16	1	1	4	4	2	1	288 71
2	3	4	6	7	2	1	407 14
18	8	12	10	15	11	.....	367 54
3	.....	1	.....	.....	.....	.....	188 23
10	7	1	1	1	1	1	253 13
2	.....	2	4	6	3	.....	359 09
.....	.....	75	.....	.....	.....	.....	315 67
1	4	1	.....	.....	1	.....	58 66
876	340	383	413	430	236	31	\$432 21
\$340 00	\$385 23	\$420 67	\$496 67	\$612 00	\$793 23	\$906 67	.....

Table No. 43—

Boxes, Barrels,

Number. of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
FEMALES.						
1.....	14	311	514	2	4	7
2.....	1	306	51			
3.....	19	260	43 ¹ / ₂	19		
4.....	1	245	40 ¹ / ₂			1
Total.....	35	290	46 ³ / ₂	21	4	8
Yearly earnings				\$186 66	\$256 66	\$303 33

Brick, Tile and

MALES.						
1.....	75	308	51 ¹ ₂	8	1	8
2.....	314	306	51			15
3.....	20	306	51		2	4
4.....	150	306	51	7		1
5.....	54	303	50 ¹ ₂	14	5	8
6.....	71	300	50	4		
7.....	54	280	46 ³ ₄		1	1
8.....	25	275	454	1		
9.....	50	270	45	2		
10.....	45	250	41 ³ ₄			3
11.....	100	235	394	8		10
12.....	100	235	37 ¹ ₂			
13.....	65	235	37 ¹ ₂			
14.....	27	220	36 ³ ₄		1	
15.....	20	212	35 ¹ ₂	1		3
16.....	40	200	33 ¹ ₂	1		
17.....	35	200	33 ¹ ₂		2	
18.....	25	190	31 ³ ₄			2
19.....	34	176	29 ¹ ₂			3
20.....	40	170	28 ¹ ₂			
21.....	25	168	28	7		
22.....	100	167	274			8
23.....	66	156	254			
24.....	62	135	22 ³ ₄			
25.....	29	125	204		3	
26.....	35	100	16 ³ ₄		1	
Total.....	1,661	223	374	53	19	65
Yearly earnings				\$148 67	\$204 42	\$241 58

Continued.

Kegs, Etc.—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employee.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
1				1			\$307 80
							688 50
							178 33
							265 40
1				1			\$344 27
\$390 00				\$630 00			

Sewer Pipe.

17	33	12	8	2	3	5	\$476 72
	6	8	43	76	107	42	741 21
	2	1	2	5	2	1	558 45
3		97	10	21	7	4	535 23
9	6	7	2	2		1	364 21
17			25	15			514 79
2		40	9				443 77
24							327 33
		30	6	5	7		494 10
		34		5	3		428 24
23	15		29	10	6		371 10
		78	14	8			376 12
				10	20	35	683 65
	1		15	4	6		459 01
		12	1				291 50
		23	9	6	1		350 00
		29	2	3			319 50
2		18			3	1	321 73
		24	2	4	2		303 69
	6			24	10		389 58
16	1	1					185 92
4	10	50	12	12	4		280 00
5		44	6	8	3		266 94
7	3	3	9	14	27		311 55
4		12	6	4			201 51
		1	13	20			208 81
133	82	524	229	257	210	89	\$464 58
\$378 75	\$301 92	\$353 08	\$408 83	\$501 75	\$650 42	\$742 23	

Table No. 43

Building Material

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	44	312	52	5	5	2
2.....	35	307	51½	2	2	.....
3.....	29	306	51	.....	1	.....
4.....	45	306	51	.....	.....	.....
5.....	55	306	51	.....	.....	20
6.....	45	306	51	10	1	18
7.....	63	306	51	6	.....	.....
8.....	140	306	51	1	4	8
9.....	55	306	51	10	.....	.....
10.....	26	306	51	5	2	8
11.....	33	306	51	4	1	8
12.....	31	306	51	1	.....	.....
13.....	25	306	51	1	.....	1
14.....	235	306	51	60	30	20
15.....	53	306	51	1	.....	.....
16.....	108	303	50½	44	2	3
17.....	44	302	50½	7	3	2
18.....	31	300	50	.....	.....	3
19.....	50	300	50	4	4	4
20.....	60	300	50	3	5	.....
21.....	27	300	50	.....	.....	4
22.....	100	300	50	16	1	5
23.....	65	300	50	.....	.....	4
24.....	28	300	50	4	.....	2
25.....	48	300	50	1	1	2
26.....	42	298	49½	4	2	2
27.....	38	296	49½	.....	.....	.....
28.....	55	296	49½	.....	.....	6
29.....	34	296	49½	.....	2	1
30.....	39	291	48½	2	4	2
31.....	68	288	48	3	1	3
32.....	15	280	46½	.....	.....	.....
33.....	275	276	46	47	19	11
34.....	41	275	45½	1	2	8
35.....	34	275	45½	2	2	.....
36.....	35	270	45	3	.....	.....
37.....	10	241	40½	1	.....	.....
38.....	214	288	33½	.....	5	3
39.....	6	200	32½	1	.....	5
Total.....	1,422	292	49½	249	99	150
Yearly earnings....	.....	.....	.....	\$194 66	\$327 67	\$316 24

—Continued.

—Wood.

NUMBER CLASSIFIED EARNING WEEKLY.—

\$7 but under \$8. Av. \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employé.
.....	6	10	12	2	2	.....	9473 32
1	.....	9	5	10	5	1	595 85
1	6	3	3	9	4	2	625 66
.....	2	1	2	20	20	.....	787 63
.....	.....	40	10	.....	10	5	537 00
5	2	5	2	.....	2	.....	364 37
.....	4	.....	3	48	4	.....	633 05
8	20	6	22	50	19	14	651 89
.....	.....	.....	.....	20	6	.....	587 92
5	.....	4	2	5	.....	.....	422 71
2	.....	6	4	8	.....	.....	459 77
.....	.....	1	4	25	.....	.....	649 84
.....	.....	1	1	18	3	1	671 16
15	15	15	15	16	10	20	426 23
5	4	3	7	9	40	4	771 22
5	3	14	12	10	11	4	440 47
1	5	2	6	15	3	.....	511 91
.....	.....	1	3	11	4	.....	641 67
20	10	2	3	3	1	1	404 50
4	3	5	13	22	5	.....	558 23
.....	.....	3	3	4	13	.....	693 23
6	8	18	21	16	9	.....	426 25
.....	.....	8	.....	50	.....	8	642 86
.....	1	.....	4	2	15	.....	653 50
.....	.....	4	2	11	24	3	740 63
4	2	5	4	12	4	3	556 25
14	.....	.....	.....	12	12	.....	619 27
1	.....	21	4	28	23	2	644 53
2	1	3	4	19	2	.....	744 73
2	2	2	7	16	2	.....	524 79
4	.....	14	3	15	25	.....	616 24
.....	3	.....	.....	8	5	.....	651 11
37	64	11	60	16	7	3	392 84
3	4	4	12	12	.....	.....	472 45
2	.....	2	.....	17	8	1	596 51
8	10	5	4	4	1	.....	411 43
.....	2	2	1	.....	.....	4	526 15
.....	.....	152	16	15	7	13	366 59
.....	.....	.....	.....	.....	.....	.....	202 78
150	176	382	278	558	312	89	5526 52
3363 48	3412 67	3408 23	3535 38	3657 09	3351 66	3973 33	.....

Table No. 43

Carriages

Number of Establishments.	Greatest number employed.	WORKING TIME.		GREATEST.		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	112	324	55 ² / ₃	6	.....	6
2.....	26	310	51 ² / ₃	5	3	3
3.....	60	309	51 ¹ / ₂	.....	.....	.....
4.....	99	306	51	.....	11	4
5.....	23	306	51	2	.....	.....
6.....	53	306	51	5	4	1
7.....	103	306	51	9	6	9
8.....	185	306	51	6	3	1
9.....	111	306	51	27	6	3
10.....	196	306	51	8	2	2
11.....	28	306	51	.....	.....	1
12.....	99	306	51	5	5	6
13.....	49	302	50 ¹ / ₃	8	4	8
14.....	43	300	50	10	.....	5
15.....	28	298	49 ² / ₃	4	3	2
16.....	56	298	49	.....	2	1
17.....	100	299	48 ² / ₃	4	.....	.....
18.....	43	290	46 ² / ₃	.....	6	6
19.....	86	245	40	.....	7	.....
20.....	109	230	38 ¹ / ₃	28	5	5
Total.....	1,598	297	49 ¹ / ₃	127	67	63
Yearly earnings....	.....	.....	.....	\$198 00	\$372 25	\$321 75
FEMALES.						
1.....	10	324	55 ² / ₃	.....	.....	.....
2.....	4	310	51 ² / ₃	3	.....	.....
3.....	5	306	51	2	.....	.....
4.....	6	306	51	4	.....	2
5.....	2	306	51	2	.....	.....
6.....	10	306	51	3	.....	1
7.....	4	302	50 ¹ / ₃	4	.....	.....
8.....	2	300	50	1	1	.....
9.....	2	298	49	.....	.....	.....
10.....	12	290	48 ¹ / ₃	.....	.....	4
11.....	8	280	46 ² / ₃	.....	8	.....
12.....	6	245	40	.....	1	2
13.....	7	230	38 ¹ / ₃	1	5	1
Total.....	73	293	48	20	10	10
Yearly earnings....	.....	.....	.....	\$195 32	\$368 00	\$317 40

—Continued.

and Wagons.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
16	3	26	17	17	23	.....	\$619 23
5	3	1	2	.....	2	2	448 06
.....	.....	10	20	10	20	.....	686 66
23	24	18	6	8	.....	.....	420 11
1	.....	10	10	10	5	5	692 36
4	4	10	8	11	4	2	513 09
8	9	29	12	18	7	2	494 80
1	10	10	26	55	37	6	661 61
9	1	9	16	21	8	1	494 61
16	19	25	26	63	29	6	602 22
.....	2	15	6	3	.....	1	532 77
6	12	24	22	9	.....	.....	652 69
7	7	4	2	4	3	1	479 80
6	2	2	5	4	8	.....	479 17
2	2	1	8	5	1	.....	455 00
.....	.....	25	.....	.....	20	8	595 30
15	.....	50	8	6	14	.....	502 67
7	2	10	8	1	8	.....	423 50
10	21	8	14	11	11	4	459 37
3	8	6	7	12	23	12	422 37
152	180	282	253	258	217	50	\$582 40
3371 25	3420 75	3470 25	3544 50	3608 25	3666 25	3990 00	.....
2	.....	2	2	2	2	.....	\$657 73
1	.....	.....	.....	.....	.....	.....	251 87
2	1	.....	.....	.....	.....	.....	321 30
.....	.....	.....	.....	.....	.....	.....	331 50
.....	.....	.....	.....	.....	.....	.....	304 00
1	.....	1	2	1	1	.....	451 25
.....	.....	.....	.....	.....	.....	.....	201 23
.....	.....	.....	.....	.....	.....	.....	237 50
2	.....	.....	.....	.....	.....	.....	375 00
2	2	2	2	.....	.....	.....	398 53
.....	.....	.....	.....	.....	.....	.....	256 68
3	.....	.....	.....	.....	.....	.....	112 26
.....	.....	.....	.....	.....	.....	.....	208 09
13	3	5	6	3	3	.....	\$363 67
3366 25	3415 16	3463 90	3537 15	3659 25	3654 60	.....	.....

Table No. 43

Clothing

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	12	312	52	1		1
2.....	72	306	51	4	5	6
3.....	29	306	51	1		2
4.....	20	306	51	1		6
5.....	7	306	51			
6.....	410	306	51			
7.....	5	306	51			
8.....	12	306	51			
9.....	6	306	51	2	3	1
10.....	20	306	51	2		
11.....	13	306	51			
12.....	14	306	51		1	2
13.....	5	306	51			1
14.....	7	306	51		1	
15.....	2	306	51			
16.....	10	306	51			1
17.....	20	306	51			
18.....	5	306	51			
19.....	40	306	51			
20.....	10	306	51			
21.....	6	306	51			
22.....	58	306	51	2	2	4
23.....	6	306	51	2		1
24.....	2	306	51	1		
25.....	9	306	51			1
26.....	7	306	51			
27.....	100	306	51			2
28.....	4	306	50½	1	1	
29.....	54	304	50½	2	1	2
30.....	5	302	50½			
31.....	6	302	50½	2		1
32.....	7	300	50		1	1
33.....	15	300	50	1		
34.....	10	300	50			
35.....	8	300	50	2		
36.....	15	300	50			2
37.....	1	280	48½			
38.....	2	280	48½			
39.....	102	280	48½	6		
40.....	365	280	46½			40
41.....	5	275	45½			
42.....	7	270	45			
43.....	15	256	42½			
44.....	10	241	40½	2		
45.....	14	200	33½			
Total.....	1,556	286	49½	33	15	75
Yearly earnings				\$196 66	\$270 42	\$319 58

—Continued.

Clothing—Continued.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$11. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
5	6	10	10	15	7	3	9636 33
1	1	1	1	4	4	5	554 98
8	1	1	1	2	7	19	469 55
1	2	2	1	2	1	1	466 65
1	10	20	30	60	120	130	539 14
1	2	2	3	1	1	1	947 72
1	3	1	1	1	1	1	556 75
1	1	1	1	1	1	1	401 62
1	1	1	1	1	1	1	541 00
1	1	1	10	4	4	2	698 70
1	1	1	4	4	7	1	814 04
1	1	5	1	1	1	1	473 57
1	1	1	4	4	1	1	617 10
1	1	1	4	1	1	1	652 09
1	1	1	1	1	1	1	874 50
1	1	1	1	1	1	1	535 50
1	1	1	1	1	1	1	606 90
1	1	1	1	1	1	1	658 59
1	1	10	10	20	1	1	605 62
1	1	1	6	2	1	1	632 40
1	1	1	1	1	1	1	735 25
1	1	1	1	15	12	10	698 50
1	1	1	1	1	1	1	480 19
1	1	1	1	1	1	1	484 50
1	1	1	1	1	1	1	592 50
1	1	1	1	1	1	1	746 79
1	1	1	1	1	1	1	646 42
1	1	1	1	1	1	1	400 81
1	1	1	1	1	1	1	658 85
1	1	1	1	1	1	1	775 12
1	1	1	1	1	1	1	461 39
1	1	1	1	1	1	1	907 14
1	1	1	1	1	1	1	659 33
1	1	1	1	1	1	1	985 00
1	1	1	1	1	1	1	509 38
1	1	1	1	1	1	1	461 67
1	1	1	1	1	1	1	845 84
1	1	1	1	1	1	1	495 82
1	1	1	1	1	1	1	643 58
1	1	1	1	1	1	1	535 29
1	1	1	1	1	1	1	592 06
1	1	1	1	1	1	1	543 21
1	1	1	1	1	1	1	581 69
1	1	1	1	1	1	1	453 88
1	1	1	1	1	1	1	603 09
79	84	112	237	296	324	253	9658 96
9363 75	3417 98	2467 08	3540 83	9663 75	3390 42	3063 33	

Table No. 43

Clothing

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
FEMALES.						
1.....	80	312	52	12	10	.....
2.....	67	306	51	1	2	12
3.....	172	306	51	80	28	26
4.....	75	306	51	12	6	10
5.....	62	306	51	24	14	16
6.....	100	306	51	40	30	20
7.....	26	306	51	26	6	2
8.....	45	306	51	12	12	12
9.....	6	306	51	6	.....	.....
10.....	60	306	51	.....	.....	.....
11.....	25	306	51	4	.....	5
12.....	36	306	51	14	9	8
13.....	35	306	51	5	8	8
14.....	22	306	51	.....	12	.....
15.....	19	306	51	4	.....	.....
16.....	30	306	51	19	5	4
17.....	50	306	51	19	6	12
18.....	17	306	51	10	.....	4
19.....	30	306	51	.....	.....	.....
20.....	24	306	51	6	10	18
21.....	27	306	51	2	10	6
22.....	5	306	51	2	1	1
23.....	57	306	51	11	2	9
24.....	25	306	51	.....	.....	.....
25.....	25	306	51	1	.....	.....
26.....	29	306	51	.....	15	.....
27.....	199	306	51	2	2	195
28.....	75	305	50 ¹ / ₂	52	2	5
29.....	10	304	50 ¹ / ₂	6	1	2
30.....	30	302	50 ¹ / ₂	2	1	6
31.....	80	302	50 ¹ / ₂	18	40	12
32.....	121	300	50	.....	5	30
33.....	60	300	50	4	.....	2
34.....	30	300	50	8	8	4
35.....	20	300	50	6	4	4
36.....	89	300	50	5	25	35
37.....	37	290	48 ¹ / ₂	20	5	5
38.....	17	290	48 ¹ / ₂	.....	5	11
39.....	51	290	48 ¹ / ₂	2	2	2
40.....	221	290	46 ¹ / ₂	30	40	55
41.....	30	275	45 ¹ / ₂	12	2	4
42.....	18	270	45	2	2	2
43.....	75	256	42 ¹ / ₂	20	25	16
44.....	50	241	40 ¹ / ₂	47	1	1
45.....	38	200	32 ¹ / ₂	6	.....	8
Total.....	2,404	295	49 ¹ / ₂	552	371	577
Yearly earnings .....	.....	.....	.....	\$196 65	\$370 42	\$519 88

—Continued.

—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employe.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9 Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
.....	55	.....	2	1	.....	.....	\$393 90
12	12	10	8	10	.....	.....	459 00
13	8	6	8	1	3	1	301 23
15	10	12	4	6	.....	.....	396 10
7	.....	1	.....	1	.....	.....	285 36
10	.....	.....	.....	.....	.....	.....	331 50
2	.....	.....	.....	.....	.....	.....	235 17
5	.....	1	2	.....	.....	.....	300 33
.....	.....	.....	.....	.....	.....	.....	304 00
.....	25	10	15	5	5	.....	533 37
7	.....	8	.....	6	.....	.....	429 43
2	3	.....	.....	.....	.....	.....	290 50
5	6	8	.....	.....	.....	.....	354 51
.....	10	.....	.....	.....	.....	.....	347 03
2	2	2	4	.....	.....	.....	377 13
2	.....	.....	.....	.....	.....	.....	245 65
7	2	8	.....	.....	.....	.....	297 33
.....	8	.....	.....	.....	.....	.....	274 50
.....	10	10	.....	.....	.....	.....	459 00
.....	.....	.....	.....	.....	.....	.....	294 00
4	.....	5	.....	.....	.....	.....	339 06
.....	.....	.....	1	.....	.....	.....	316 20
8	14	5	5	1	1	.....	396 03
10	.....	15	.....	.....	.....	.....	443 70
12	.....	.....	6	.....	6	.....	540 60
.....	14	.....	.....	.....	.....	.....	354 36
.....	.....	.....	.....	.....	.....	.....	329 71
8	2	8	2	1	.....	.....	266 03
.....	.....	.....	.....	1	.....	.....	263 73
5	3	5	5	.....	.....	.....	393 44
6	.....	2	2	.....	.....	.....	295 90
25	40	10	2	5	.....	1	401 24
2	30	10	5	.....	5	2	480 42
2	4	8	.....	1	.....	.....	320 83
6	.....	.....	.....	.....	.....	.....	292 50
10	5	.....	.....	.....	.....	.....	314 06
5	.....	.....	.....	.....	.....	2	277 59
1	.....	.....	.....	.....	.....	.....	281 47
10	15	8	6	5	.....	.....	436 94
45	20	15	8	5	8	.....	328 46
5	2	2	2	2	.....	.....	291 53
5	.....	1	2	.....	.....	.....	307 50
8	4	2	.....	.....	.....	.....	249 14
.....	1	.....	.....	.....	.....	.....	167 50
.....	16	8	.....	.....	.....	.....	252 63
266	316	155	87	51	22	6	\$333 61
\$338 75	\$417 92	\$467 08	\$540 83	\$663 75	\$960 42	\$983 33	.....

Table No. 43

Electrical

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	91	306	51	.....	20	9
2.....	66	306	51	.....	12	1
3.....	2,302	306	51	344	229	217
4.....	22	306	50½	2	.....	.....
Total.....	2,381	306	51	346	261	227
Yearly earnings....	.....	.....	.....	\$304 00	\$280 50	\$331 50
FEMALES.						
1.....	31	306	51	.....	11	7
2.....	19	306	51	19	.....	.....
3.....	523	306	51	388	219	125
Total.....	573	306	51	347	230	133
Yearly earnings....	.....	.....	.....	\$304 00	\$280 50	\$331 50

Electric Light,

MALES.						
1.....	140	365	60½	.....	2	1
2.....	58	365	60½	2	.....	.....
3.....	38	365	60½	.....	.....	.....
4.....	21	365	60½	.....	1	.....
5.....	78	307	51½	1	2	6
6.....	98	299	49½	4	3	8
7.....	30	214	35½	.....	.....	.....
Total.....	458	326	54½	7	9	14
Yearly earnings....	.....	.....	.....	\$217 24	\$298 63	\$353 16
FEMALES.						
1.....	3	307	51½	1	1	.....
2.....	1	299	49½	.....	.....	.....
Total.....	4	303	50½	1	1	.....
Yearly earnings....	.....	.....	.....	\$202 00	\$277 75	.....

—Continued.

Apparatus. Etc.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employé.
18	19	14	4	4		2	\$395 67
7	5	21	5	7		2	511 16
192	197	174	281	267	182	19	472 82
2		8	1	6	7	1	660 83
219	221	212	291	284	195	25	\$472 87
\$382 50	\$433 50	\$484 50	\$561 00	\$638 50	\$592 50	\$1,020 00	
10	3						\$336 50
77	65	4	2	3			204 00
							282 54
87	68	4	2	2			\$253 87
\$382 50	\$433 50	\$484 50	\$561 00	\$638 50			

Power and Gas.

2		29	20	45	26	4	\$769 54
		27	14	3	2		617 77
		22	2	3	1		614 74
		10	10				609 78
4	2	5	5	21	22	10	710 42
9	4	5	12	20	18	9	611 66
		11	4	12	2		426 81
15	6	129	68	105	72	22	\$665 58
\$407 50	\$461 82	\$516 16	\$597 66	\$723 50	\$950 86	\$1,066 66	
1			1				\$229 94
							548 16
1			1				\$354 49
\$378 75			\$555 50				

Table No. 43

Food

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	275	365	60½	20		
2.....	48	365	60½	10	4	5
3.....	46	365	60½			
4.....	66	360	58½	19	5	9
5.....	43	312	52			4
6.....	84	312	52½			
7.....	76	310	51½			4
8.....	33	309	51½			
9.....	27	306	51	1		1
10.....	31	306	51	1	1	2
11.....	9	306	51			
12.....	96	306	51	20	12	8
13.....	11	306	51	1		
14.....	29	306	51			1
15.....	55	306	51			
16.....	15	301	50½			
17.....	40	300	50		3	
18.....	7	280	42½			
19.....	49	210	35			
20.....	25	180	30			12
21.....	79	84	14	36	7	5
22.....	36	80	13½		5	25
23.....	30	78	13			
24.....	10	60	10			10
25.....	34	46	7¾	3		1
26.....	10	40	6¾	5		1
27.....	200	40	6¾	35	10	28
28.....	65	30	3¾			
29.....	20	20	3¼	4		14
Total.....	1,538	226	37¾	155	47	180
Yearly earnings.....				\$150 67	\$207 16	\$244 63
FEMALES.						
1.....	60	365	60½		30	15
2.....	20	365	60½	16	4	
3.....	1	365	60½		1	
4.....	28	360	58½	19	8	1
5.....	41	312	52	12	1	4
6.....	57	312	52½	13	4	1
7.....	80	310	51½			29
8.....	3	306	51	2		1
9.....	24	306	51	17		4
10.....	26	306	51	12	13	
11.....	55	306	51	15	16	12
12.....	14	306	51	1	18	
13.....	37	306	51		7	19
14.....	34	301	50½		9	
15.....	34	260	42½	14	4	1
16.....	8	210	35	8		
17.....	57	84	14	47	9	
18.....	39	80	13½		39	
19.....	17	60	10	17		
20.....	40	46	7¾	27		2
21.....	40	40	6¾	40		
22.....	100	40	6¾	40	13	32
23.....	25	20	3¾			
24.....	30	20	3¼	30		
Total.....	850	224	37½	343	171	121
Yearly earnings.....				\$149 34	\$215 33	\$243 66

—Continued.

Preparations.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employe.
		170	33	25	25	2	3642 18
8	9	7	2	1	1		458 15
			35	8	2		712 81
6	6	7	4	8	1	1	454 29
3		20	9	3	3	1	544 79
2	7	24	29	14	5	8	594 95
		34	14	10	10	4	870 23
		7	13	11	2		613 32
		2	13	7	2	1	608 22
	4		8	1	3		559 79
	1	3	3	2		1	549 67
15	6	10	14	10			400 22
	1	1	3	2	2	1	636 18
2	1	1	2	14	7	1	691 14
1	2	23	19	5	5		563 85
1		10	3			1	530 06
		15	19	3			510 62
	1		4	2			492 14
42	1	2	2	1	1		253 50
		8		5			265 80
8	2	6	11	3	1		92 57
3		3					89 28
		30					122 50
							65 00
2		23					67 53
4							34 84
20	52	34		9	11	1	54 20
65							25 00
		2					21 00
182	93	447	242	144	81	17	\$411 52
\$323 50	\$320 16	\$357 82	\$414 33	\$508 50	\$659 16	\$753 23	
15							\$390 21
							261 58
							324 60
							262 04
14		2	8				369 71
7	2	26	2	1	1		412 50
		33	18				451 46
							246 50
	8						253 94
1							249 12
12							293 02
							275 04
11							337 01
		1			1		257 10
							197 85
	1						140 00
							60 42
							71 50
1		3	5	2			40 00
							45 81
5	10						26 67
25							87 47
							25 00
							13 33
91	16	65	33	3	2		\$215 20
\$390 00	\$317 88	\$354 66	\$410 67	\$504 00	\$653 33		

Table No. 43

Furniture.

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	86	352	59 ³ / ₄	5	6	2
2.....	20	313	52 ¹ / ₂			
3.....	266	309	51 ¹ / ₂	53	9	2
4.....	59	306	51			6
5.....	20	306	51			
6.....	19	306	51	1	2	
7.....	77	306	51	12	11	4
8.....	58	306	51	2		
9.....	27	306	51		2	
10.....	63	306	51	4	1	2
11.....	130	306	51	6		6
12.....	78	306	51	7	5	6
13.....	123	306	51	8	2	6
14.....	50	306	51			
15.....	93	306	51			9
16.....	54	306	51	4		
17.....	187	306	51	8	5	9
18.....	85	306	51		2	2
19.....	222	306	51	12	3	3
20.....	18	306	51	2		3
21.....	25	306	51	1	2	2
22.....	137	306	51	30	30	12
23.....	136	306	51		11	20
24.....	66	306	51			
25.....	75	306	51	10	4	23
26.....	111	306	51	4	3	2
27.....	45	306	51			
28.....	9	306	50			
29.....	23	305	50 ¹ / ₂			1
30.....	41	305	50 ¹ / ₂	7	1	6
31.....	15	304	50 ³ / ₄		3	3
32.....	97	304	50 ³ / ₄	34	5	4
33.....	40	304	50 ³ / ₄	2	2	5
34.....	75	301	50 ¹ / ₂	3	7	10
35.....	62	301	50 ¹ / ₂	5	1	3
36.....	101	300	50	2	1	6
37.....	254	300	50	23	10	7
38.....	92	300	50		5	6
39.....	110	300	50	7	4	5
40.....	30	300	50	3	1	1
41.....	150	300	50	8	3	4
42.....	94	299	49 ¹ / ₂	15	4	11
43.....	36	293	48 ¹ / ₂	2		1
44.....	88	288	48	9	5	8
45.....	81	288	48	5		5
46.....	35	285	47 ³ / ₄	5		
47.....	50	285	47 ³ / ₄	11	1	2
48.....	46	285	47 ¹ / ₂			3
49.....	120	280	46 ³ / ₄	2	1	
50.....	48	280	46 ³ / ₄	4		3
51.....	75	280	46 ³ / ₄		1	3
52.....	27	280	43 ¹ / ₂	8	8	1
Total.....	4,130	301	50 ¹ / ₂	356	162	219
Yearly earnings....				\$200 67	\$375 92	\$326 08

—Continued.

Furniture.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av. \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$11. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employé.
3	7	25	21	11	5	1	3596 19
1	2	2	1	5	10	1	751 67
104	12	17	14	8	14	3	398 25
10	19	12	5	8	4	4	541 12
2	2	6	7	4	2	.....	613 28
2	2	3	2	6	2	.....	547 68
2	2	9	9	26	4	.....	600 07
.....	1	4	4	26	11	.....	693 23
.....	.....	4	11	3	7	.....	629 00
.....	.....	6	5	22	20	2	692 55
.....	10	.....	85	20	3	.....	551 39
9	10	11	14	15	1	.....	474 04
1	9	10	5	60	16	5	324 81
.....	.....	6	5	31	7	1	695 46
3	1	.....	.....	55	25	.....	696 18
.....	10	.....	20	15	5	.....	577 06
17	25	33	30	44	4	2	515 59
.....	3	20	30	25	2	.....	569 10
14	13	13	54	62	43	4	619 09
.....	.....	.....	4	6	2	1	587 92
4	3	3	4	3	3	.....	507 96
10	13	6	19	10	5	3	405 21
55	24	6	10	10	.....	.....	415 88
2	.....	2	2	43	12	5	781 39
15	8	7	6	2	.....	.....	375 02
3	4	5	40	45	5	.....	590 18
2	.....	.....	38	3	2	.....	576 30
1	.....	.....	1	2	5	.....	753 67
.....	.....	4	3	10	5	.....	663 04
11	2	6	4	3	1	.....	410 39
1	3	.....	3	1	1	.....	449 24
3	6	10	23	8	4	.....	412 12
4	4	7	7	4	4	.....	492 10
11	8	9	12	12	3	.....	466 86
5	10	19	7	12	.....	.....	474 97
15	2	7	18	30	15	5	600 99
20	32	63	63	27	7	2	478 94
5	16	10	4	2	43	1	640 49
8	3	20	19	43	3	.....	535 45
2	1	1	4	8	13	1	648 33
10	20	20	15	30	35	5	597 33
3	14	7	18	13	9	.....	465 24
.....	6	8	6	10	3	.....	522 24
6	5	14	23	12	5	1	470 55
2	3	16	20	24	6	.....	529 78
2	3	3	12	8	2	.....	495 78
2	5	8	8	11	2	.....	445 68
6	2	14	7	7	3	4	535 41
10	25	36	16	24	5	.....	480 08
.....	.....	6	8	10	10	7	612 99
19	15	20	6	5	5	1	489 29
4	2	.....	2	1	.....	1	298 91
408	360	518	754	889	404	60	3519 51
8376 25	8426 42	8476 68	8551 83	8677 25	8577 82	81,003 33	.....

Table No. 43

Iron and Steel

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
FEMALES.						
1.....	7	306	51	.....	.....	7
2.....	4	306	51	4	.....	.....
3.....	55	376	45½	.....	.....	4
Total.....	66	296	49½	4	.....	11
Yearly earnings....	.....	.....	.....	\$197 34	.....	\$320 67

Iron—Structural

MALES.						
1.....	61	306	51	.....	.....	.....
2.....	521	306	51	9	5	9
3.....	20	306	51	.....	1	.....
4.....	122	306	51	.....	1	.....
5.....	53	306	51	1	.....	.....
6.....	50	300	50	.....	.....	.....
7.....	48	300	50	6	.....	6
8.....	300	300	50	.....	.....	.....
9.....	57	285	47½	1	2	4
Total.....	1,131	302	50½	17	9	18
Yearly earnings....	.....	.....	.....	\$201 34	\$276 53	\$327 17

—Continued.

Forgings and Castings—Concluded.

NUMBER CLASSIFIED EARNINGS WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$12.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
.....	.....	.....	.....	.....	.....	.....	\$266 50
12	12	22	5	.....	.....	.....	204 00
.....	.....	.....	.....	.....	.....	.....	401 67
12	12	22	5	.....	.....	.....	\$376 87
\$370 00	\$419 33	\$408 67	\$539 00	.....	.....	.....	.....

and Ornamental.

.....	1	.....	5	.....	.....	55	\$972 76
7	3	128	85	101	142	33	872 94
.....	.....	5	.....	.....	8	6	798 15
.....	.....	15	47	28	26	10	681 89
1	.....	28	12	6	4	.....	549 72
.....	.....	25	.....	25	.....	.....	575 00
.....	3	.....	2	14	16	1	624 43
.....	.....	40	40	40	40	40	715 00
2	3	10	15	10	4	7	565 00
10	9	251	206	219	240	152	636 12
\$377 50	\$427 88	\$478 17	\$550 00	\$679 50	\$880 88	\$1,006 66	.....

Table No. 43—

Liquors—Malt

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	69	365	60½			
2.....	66	365	60½		1	3
3.....	46	313	52½			
4.....	111	313	52½	34		
5.....	34	313	52½		3	
6.....	65	306	51		1	
7.....	37	306	51			4
8.....	12	306	51			
9.....	32	306	51	1		2
10.....	37	306	51		1	1
11.....	30	306	51			
12.....	58	306	51	7	2	6
13.....	37	300	50			
Total.....	609	316	52½	42	8	16
Yearly earnings....				\$319 67	\$389 66	\$340 16
FEMALES.						
1.....	2	313	52½		2	
2.....	3	306	51	3		
3.....	4	306	51	4		
Total.....	9	308	51½	7	2	
Yearly earnings....				\$305 34	\$382 33	

Continued.

and Distilled.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employee.
.....	.....	.....	14	24	20	1	\$857 16
1	.....	7	2	7	54	1	944 92
.....	6	.....	1	24	4	1	666 24
15	.....	15	15	26	5	1	476 78
2	3	6	2	14	3	.....	526 08
.....	.....	12	4	26	10	2	679 20
.....	4	10	5	2	9	3	627 84
.....	.....	.....	.....	.....	12	.....	892 50
2	.....	.....	1	18	5	3	674 16
1	5	25	2	.....	1	1	494 84
.....	.....	.....	5	10	15	.....	769 25
10	.....	.....	12	12	20	2	626 89
.....	.....	4	8	15	10	.....	680 41
31	18	80	72	209	178	14	\$678 26
3395 00	3447 66	3500 23	3579 23	3711 00	3921 66	\$1,053 23	.....
.....	.....	.....	.....	.....	.....	.....	286 91
.....	.....	.....	.....	.....	.....	.....	204 00
.....	.....	.....	.....	.....	.....	.....	204 00
.....	.....	.....	.....	.....	.....	.....	\$222 43
.....

Table No. 43—

Machines and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av. \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	21	368	60½	2	.....	2
2.....	64	317	62	4	.....	.....
3.....	62	313	62½	6	2	2
4.....	11	313	62½	.....	.....	.....
5.....	31	312	62	2	.....	4
6.....	38	310	61½	2	.....	1
7.....	608	308	61½	28	11	22
8.....	38	307	61½	1	3	.....
9.....	22	307	61	3	.....	1
10.....	67	306	61	2	.....	4
11.....	16	306	61	2	.....	.....
12.....	20	306	61	.....	.....	.....
13.....	126	306	61	15	5	.....
14.....	49	306	61	.....	.....	.....
15.....	35	306	61	.....	.....	.....
16.....	66	306	61	3	2	1
17.....	122	306	61	4	4	5
18.....	129	306	61	.....	4	2
19.....	36	306	61	11	6	.....
20.....	65	306	61	.....	6	2
21.....	119	306	61	11	3	4
22.....	125	306	61	7	.....	.....
23.....	62	306	61	5	1	2
24.....	33	306	61	10	1	3
25.....	62	306	61	.....	.....	.....
26.....	64	306	61	1	.....	.....
27.....	36	306	61	2	2	.....
28.....	25	306	61	.....	6	2
29.....	72	306	61	8	3	1
30.....	262	306	61	19	19	6
31.....	60	306	61	.....	.....	10
32.....	36	306	60½	1	1	1
33.....	92	306	60½	11	2	12
34.....	33	306	60½	.....	.....	1
35.....	20	306	60	.....	.....	.....
36.....	206	306	60	10	17	.....
37.....	34	304	60½	.....	.....	.....
38.....	100	304	60½	3	.....	3
39.....	90	302	60½	1	.....	3
40.....	62	300	60	.....	2	3
41.....	22	300	60	.....	1	.....
42.....	39	300	60	.....	.....	.....
43.....	36	300	60	4	2	3
44.....	20	300	60	3	.....	4
45.....	60	300	60	5	.....	.....
46.....	39	296	60	11	.....	.....
47.....	365	245	40½	10	4	4
48.....	58	222	37	5	4	2
49.....	139	220	36½	5	1	3
50.....	219	210	35	12	7	6
Total.....	4,177	300	50	240	119	121
Yearly earnings....	.....	.....	.....	\$300 00	\$275 00	\$325 00

Continued.

Machinery.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$12.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employé.
	4				11	2	8905 45
	8	12	15	10	14	2	615 84
14	3		4	7	14		552 80
3			6		3	1	692 39
		8	2	5	6		586 97
	2	4	5	15	9		558 75
62	57	109	120	46	28	10	507 36
1	15	8	2	15	41	3	696 72
	2	1	3	4	5	2	622 30
3	12	2	6	25	9	3	654 90
1			1	7	4	1	672 56
2		9	2	5	2		572 75
	30	30	5	10	28	2	549 78
				15	30	4	840 46
		2	17	2	14		696 51
2	5	8	16	7	14		596 61
4	23	19	9	14	42	7	640 20
1	11	14	30	35	40	2	655 44
31	8		2	12	25		586 30
3	1	9	10	12	16	6	576 30
1	13	12	10	39	25	1	605 35
8	10	25	30	21	20	4	532 22
1		5	1	12	21	14	750 63
1		2	5	7	3	1	454 50
3		4	1	23	20	1	737 54
		18	21	4	9	1	602 08
1		6	9	2	2	2	558 06
	4		2	2	8	1	589 56
5	3	8	10	25	6	3	572 88
16	54	11	74	53	7	3	509 03
15	6	15		10	5		497 25
1		6	3	14	6	3	660 12
15	12	2	10	25	2		473 80
		10	5	10	6	1	641 58
1	6	1	3	2	6	1	643 04
12	25	20	47	49	20	5	549 86
		3	8	4	18	1	753 29
2		55	10	7	19	1	570 51
4	2	10	10	19	28	3	702 99
3	6	6	8	9	12	5	633 96
	1	4	2		11	2	721 59
			6	25	5	3	706 41
		5	2	10	9		583 57
2	2	2	5	1	1		497 50
4	4	15	16		2	4	517 50
3	1	5	4	14	1		470 24
9	4	103	55	96	76	4	501 08
1	5	5	4	11	14	7	487 79
4	2	11	11	41	55	6	515 31
11	6	20	30	15	100	9	468 02
251	251	624	662	798	879	121	\$570 09
\$375 00	\$425 00	\$475 00	\$550 00	\$675 00	\$875 00	\$1,000 00	.....

Table No. 43

Machines and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
FEMALES.						
1.....	4	317	52½	1	.....	2
2.....	6	306	51	1	2	1
3.....	84	300	50	22	7	3
4.....	8	245	40½	.....	.....	3
5.....	2	220	36½	.....	.....	1
Total.....	84	278	46½	24	9	10
Yearly earnings....	.....	.....	.....	\$185 34	\$264 83	\$301 64

Meats, Packed

MALES.						
1.....	36	360	60	.....	.....	.....
2.....	74	330	55	.....	2	.....
3.....	6,577	313	52½	65	14	114
4.....	38	306	51	1	.....	1
5.....	1,826	306	51	100	276	100
6.....	36	306	51	.....	.....	5
7.....	42	306	51	.....	2	1
8.....	30	306	51	.....	.....	.....
9.....	45	306	51	.....	.....	.....
10.....	35	280	46½	.....	.....	.....
Total.....	8,539	312	52	167	294	221
Yearly earnings....	.....	.....	.....	\$306 00	\$286 00	\$328 00
FEMALES.						
1.....	2	330	55	.....	.....	.....
2.....	255	313	52½	228	31	71
3.....	1,000	306	51	100	250	165
4.....	2	280	46½	.....	2	.....
Total.....	1,259	307	51½	328	283	236
Yearly earnings ...	.....	.....	.....	\$304 67	\$281 42	\$323 68

Continued.

Machinery—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employe.
.....	1	.....	.....	.....	.....	.....	\$336 87
6	21	1	.....	1	.....	.....	\$75 25
2	.....	1	.....	5	.....	.....	\$33 59
.....	.....	.....	.....	2	.....	.....	\$62 39
.....	.....	.....	.....	1	.....	.....	\$66 06
6	22	2	.....	9	.....	.....	\$340 47
\$347 50	\$387 83	\$440 16	.....	\$625 50	.....	.....	.....

and Preserved.

3	.....	8	17	6	2	.....	\$609 16
.....	.....	.....	20	84	15	8	768 23
96	14	2,075	1,747	1,332	708	153	614 88
.....	.....	5	16	11	4	.....	\$67 30
125	185	450	\$10	100	108	130	\$68 79
.....	1	3	2	16	4	4	\$63 71
1	.....	1	11	15	10	1	\$71 50
.....	1	1	3	18	6	.....	\$72 63
.....	1	1	2	28	10	3	\$40 07
2	2	5	15	10	1	.....	\$29 32
227	154	2,548	2,144	1,680	867	297	\$593 80
\$390 00	\$442 00	\$494 00	\$572 00	\$702 00	\$910 00	\$1,040 00	.....
.....
.....	1	.....	1	.....	.....	.....	\$546 00
21	1	2	1	.....	.....	.....	\$54 87
100	200	150	25	10	.....	.....	\$53 76
.....	.....	.....	.....	.....	.....	.....	\$56 06
121	202	152	27	10	.....	.....	\$326 43
\$383 75	\$434 32	\$486 08	\$562 83	\$690 75	.....	.....	.....

Table No. 43—

Metals and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	80	365	60½			
2.....	31	350	58½			
3.....	43	313	52½		1	1
4.....	187	309	51½	12	2	12
5.....	102	308	51½	6	2	4
6.....	27	308	51½	6	1	1
7.....	28	307	51½	6	1	
8.....	34	306	51	2	2	4
9.....	30	306	51		2	
10.....	26	306	51	1	1	1
11.....	110	306	51	10	6	1
12.....	28	306	51		1	1
13.....	66	306	51	10		9
14.....	57	306	51	7		3
15.....	63	306	51	18		7
16.....	69	306	51	19	6	11
17.....	33	306	51	7		
18.....	25	306	51	2		
19.....	100	306	51	8	14	10
20.....	35	306	51			1
21.....	224	306	51	20	4	11
22.....	63	306	51			1
23.....	38	302	50½			6
24.....	47	300	50	28	4	1
25.....	100	300	50	1	2	2
26.....	22	300	50	1		
27.....	140	300	50		6	10
28.....	25	300	50	2	3	2
29.....	54	298	49½	16	9	10
30.....	164	295	49½	15		2
31.....	40	294	49	7		2
32.....	189	293	48½	32	14	21
33.....	28	291	48½		3	
34.....	799	260	43½	101	24	16
35.....	49	236	39½	7	3	5
Total	3,166	303	50½	344	112	155
Yearly earnings				\$202 00	\$277 75	\$328 25
FEMALES.						
1.....	3	309	51½	2	1	
2.....	1	308	51½			1
3.....	2	306	51		1	
4.....	8	306	51	8		
5.....	6	300	50	1	1	
6.....	5	300	50		3	
7.....	2	300	50			1
8.....	29	298	49½	19	8	
9.....	6	295	49½	6		
10.....	221	260	43½	106	4	111
11.....	22	236	39½	5	10	4
Total.....	305	292	48½	150	28	117
Yearly earnings				\$194 67	\$267 67	\$316 34

Continued.

Metallic Goods.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
	3	12	23	12	25	5	\$330 37
		4	13	7	3	4	798 02
			10	7	22	2	778 25
11	7	21	33	36	40	12	625 98
7	6	14	9	15	30	9	656 26
11		1	1	4	2		446 57
3			1	11	7		606 35
2			2	5	10		603 06
2		4	3	2	1		447 26
8	10	4	3	2	1		354 46
2	7	7	3			1	734 86
8	8	1	8	10	54	14	660 46
7		2	2	26	1		465 96
12	2	7	9	14	1	1	627 21
3	7	5	1	8	22		488 30
11	7	6	1	2	15		398 96
7	2	13	3	4	3	1	535 50
			13	13			643 53
1	2		9	4	4	3	478 28
15	10	14	11	5	10		580 67
4	3	6	8	9	4		532 20
16	24	43	47	20	29	4	706 31
	1	20	3	12	19		645 89
4			6	12	10		312 23
2	3	2	2	4	1		692 00
3	1	17	9	22	37	6	563 64
	2	5	7	5			487 68
20	40	20	20	15	6	3	473 00
1	5	4	3	3	1	1	387 68
2		8	1	1	5	2	502 91
15	30	17	40	23	7		493 67
2	1	5	11	10	2		438 60
19	23	15	18	25	13	1	485 00
7		10		6	2		418 28
37	28	238	256	71	26	5	492 47
		2	2	8	21	1	
234	219	536	589	450	440	87	\$522 98
3378 75	3429 26	3479 75	3555 50	3631 75	3683 75	\$1,010 00	
							\$263 58
							333 68
			1				420 75
							204 00
1	2	1					363 50
2							315 00
1							350 00
2							231 21
							295 00
							228 92
							202 08
6	2	1	1				\$232 69
3363 46	3413 67	3462 33	3535 33				

Table No. 43—

Musical

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	50	315	52½	3	2	4
2.....	26	308	51½	2	1	1
3.....	231	306	51	12	8	22
4.....	40	306	51	5	3	6
5.....	37	306	51	2	1	.....
6.....	436	306	51	22	30	41
7.....	300	306	51	2	2	5
8.....	116	303	50½	.....	4	.....
9.....	269	308	50½	8	12	2
10.....	101	300	50	8	11	7
11.....	300	300	50	.....	5	10
12.....	225	300	50	.....	.....	.....
13.....	50	300	50	.....	.....	.....
14.....	51	290	48½	3	.....	3
Total.....	2,121	303	50½	77	79	101
Yearly earnings .....	.....	.....	.....	\$202 00	\$277 75	\$328 25
FEMALES.						
1.....	5	306	51	4	.....	.....
2.....	70	306	51	32	16	17
3.....	5	303	50½	.....	.....	.....
Total.....	80	306	50½	36	16	17
Yearly earnings .....	.....	.....	.....	\$308 34	\$379 89	\$330 42

Continued.

Instruments.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
1	9	5	10	8	4	4	8575 98
11	21	2	3	10	6	59	624 76
2	3	22	47	64	55	8	508 09
1	2	2	8	6	2	8	508 72
58	19	2	5	11	12	3	707 80
15	28	107	59	49	22	7	422 47
59	28	28	27	25	30	28	636 86
11	17	12	15	18	6	2	489 11
10	6	12	12	49	79	67	744 82
28	56	26	18	10	2	6	452 67
6	25	25	55	17	5	2	491 75
8	1	10	10	50	161	8	822 00
1	1	10	10	10	10	10	715 00
8	1	1	3	7	17	8	658 19
301	164	266	279	224	422	308	3591 06
\$378 75	\$429 25	\$479 75	\$555 50	\$681 75	\$898 75	\$1,010 00	
1	2	1	1				275 40
1	2	1	5				270 65
1	2	1	7				555 50
8381 26	\$482 08	\$482 92	\$559 17				8388 76

Table No. 43—

Printing, Publishing

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	65	360	60	5	3	1
2.....	31	312	52			3
3.....	33	312	52	3		
4.....	11	312	52	2		1
5.....	35	312	52	9	4	2
6.....	29	312	52	18	1	1
7.....	15	312	52		3	
8.....	32	312	52	2		
9.....	37	311	51		6	
10.....	44	310	51	5	1	2
11.....	112	308	51	2		6
12.....	41	307	51	2	2	4
13.....	85	307	51	5	1	3
14.....	108	307	51	14	8	11
15.....	66	306	51	6	3	1
16.....	50	306	51	2	1	
17.....	31	306	51			
18.....	30	306	51	2		
19.....	66	306	51	3	8	2
20.....	33	306	51	3		
21.....	40	306	51	4		
22.....	30	306	51	2		2
23.....	135	306	51	4	2	1
24.....	62	306	51	14	5	6
25.....	23	306	51	3		
26.....	50	306	51	5		2
27.....	14	306	51	1		2
28.....	114	306	51	4	8	4
29.....	72	306	51	7	6	8
30.....	18	306	51	4		3
31.....	40	306	51			
32.....	49	306	51	40		
33.....	21	306	51	1	2	1
34.....	19	306	51	2	1	
35.....	40	306	51	2	1	
36.....	53	306	51	3	2	2
37.....	19	306	51	4		
38.....	51	306	51	2	2	1
39.....	36	306	51	4	1	
40.....	18	306	51	1	2	1
41.....	80	306	51	8	3	4
42.....	217	306	51	12	7	3
43.....	39	306	51	4	2	1
44.....	40	306	51			
45.....	13	306	51			2
46.....	12	305	50	2	1	
47.....	161	303	50	11	14	12
48.....	16	300	50			2
49.....	32	300	50	2	2	
50.....	51	300	50	2		2
51.....	39	300	50	7	2	
52.....	25	290	48	4		
53.....	30	308	51	2		
Total.....	2,657	307	51	244	104	96
Yearly earnings ...				\$204 67	\$281 42	\$338 58

Continued.

and Bookbinding.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50	Av., \$8.50	Av., \$9.50	Av., \$11.00	Av., \$13.50	Av., \$17.50		
2	3	4	5	16	18	8	\$800 77
2	2	3	6	15			783 60
1	5		10		10	4	681 09
2	2		4	12	2	3	457 64
1		1	1	1		2	525 94
2	1		4	2	7		897 90
2	1		23	1	4	1	648 27
5	3	6	4	13	21	30	598 81
1		4	2	20	5	4	738 25
10	5	9	4	13	45	18	688 20
3	4	3	5	12	6		553 55
3	4	2	10	14	21	22	220 19
5	4	4	14	9	18		788 61
1	2	4	8	10	21	10	801 89
		5	11	6	10	1	696 45
	3		2		12	3	631 89
4	8		8	8	14	1	721 40
5	6	5	4	14	15	4	731 85
					7	3	607 75
					32	3	726 41
5	10	3	5	4	12	3	596 40
1	2			23	61	25	679 15
4	2		4	12	15		788 42
1	5	2	1	4	5	2	624 81
2	5	3	1	10	17	5	806 54
1	1	1	2	1	5		675 75
2	2	1	5	3	45	37	802 89
6	5	11	9	8	13	4	801 24
				7		4	531 42
10	10	5	5	5	5		586 00
	3	4	1	1	1		532 21
1	1	3	3	2	7		267 49
1		3	3	6	2	2	602 29
	3	2	6	3	18	5	610 66
1	5	1	1	5	28	5	788 86
		6	5	1	2	1	735 17
1	2	3		16	19	5	527 48
	5	3	1	5	9	8	727 00
1	3	2	3	4	1		692 04
1	2	3	4	6	33	16	504 81
3	2	7	5	57	74	47	733 13
2	1	3	4	5	16	1	745 25
	2	3	4	10	10	11	649 92
	1	2		1	6	1	789 86
				6	3		702 23
16	7	14	10	6	45	25	622 71
	3		2		9	1	630 47
1	6	2	2	7	7	3	717 19
2	3	4	3	20	10	5	617 97
3		1	1	4	30	1	664 22
3			6		10	2	648 72
			2	7	14	5	617 70
							803 37
116	140	142	253	414	790	359	\$666 06
\$258 75	\$424 92	\$426 06	\$562 83	\$690 75	\$695 42	\$1,023 00	.....

Table No. 43

Printing, Publishing and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
FEMALES.						
1.....	6	312	52½			1
2.....	24	312	52½	24		
3.....	4	312	52½	1	1	1
4.....	2	312	52			
5.....	4	312	52	4		
6.....	25	311	51½	2	7	12
7.....	11	310	51½	5	3	
8.....	34	308	51½	34	9	24
9.....	34	307	51½	25	4	2
10.....	47	307	51½	16	15	4
11.....	29	307	51½	2	5	9
12.....	3	306	51			
13.....	10	306	51	2		4
14.....	35	306	51	9	5	9
15.....	5	306	51	3		
16.....	10	306	51			
17.....	92	306	51	30	9	16
18.....	28	306	51	22	2	2
19.....	12	306	51	2	3	4
20.....	12	306	51	2		3
21.....	7	306	51			1
22.....	25	306	51	9	12	2
23.....	17	306	51			
24.....	10	306	51	2	2	3
25.....	33	304	51	25		3
26.....	4	306	51	1	1	2
27.....	7	306	51	1	1	2
28.....	10	306	51	2	3	
29.....	12	306	51	2	3	4
30.....	19	306	51	12	2	
31.....	18	306	51	4	3	3
32.....	23	306	51	12	2	1
33.....	22	306	51	21		1
34.....	7	306	51	1	1	2
35.....	67	306	51	27	6	10
36.....	7	306	51			2
37.....	10	304	51			
38.....	22	306	51	6	14	2
39.....	4	306	50½	3	1	
40.....	76	303	50½	22	14	5
41.....	9	360	50			4
42.....	12	300	50	4	1	3
43.....	41	300	50	12	9	11
44.....	8	300	50	3	2	1
45.....	10	290	49½	3	3	
46.....	28	308	51½	4	3	7
Total.....	1,001	306	51	363	146	160
Yearly earnings....				\$204 00	\$280 50	\$331 50

—Continued.

Bookbinding—Concluded.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
.....	2	.....	1	.....	2	.....	9006 10
.....	1	.....	.....	.....	.....	.....	208 67
.....	.....	.....	.....	1	1	.....	336 04
.....	.....	.....	.....	.....	.....	.....	504 00
.....	.....	.....	.....	.....	.....	.....	208 00
2	.....	.....	2	.....	.....	1	261 88
.....	.....	2	.....	1	.....	.....	487 78
.....	10	2	.....	2	.....	.....	208 50
2	.....	.....	.....	.....	.....	.....	281 76
7	.....	.....	1	1	.....	.....	289 49
9	7	2	2	.....	.....	2	410 65
.....	.....	.....	.....	.....	.....	.....	561 00
2	2	.....	.....	.....	.....	.....	326 60
.....	6	3	.....	1	.....	.....	329 00
.....	.....	1	.....	.....	.....	.....	387 00
9	.....	1	.....	.....	.....	.....	382 70
10	12	7	5	2	2	.....	347 66
.....	.....	.....	.....	.....	2	.....	248 16
.....	1	.....	.....	.....	.....	.....	378 08
4	1	2	1	.....	.....	.....	376 62
1	1	1	1	.....	2	.....	508 28
.....	.....	2	.....	.....	.....	.....	238 41
12	3	.....	.....	.....	.....	.....	402 00
2	1	.....	.....	.....	.....	.....	316 20
3	.....	.....	2	.....	.....	.....	253 45
.....	.....	.....	.....	.....	.....	.....	391 97
1	2	.....	.....	.....	.....	.....	342 43
2	2	1	.....	.....	.....	.....	316 60
2	.....	1	.....	.....	.....	.....	318 75
3	.....	1	.....	.....	.....	.....	255 00
6	2	.....	.....	.....	.....	.....	322 00
1	4	2	.....	1	.....	.....	302 78
.....	.....	.....	.....	.....	.....	.....	209 80
1	1	.....	.....	1	.....	.....	320 28
7	7	2	1	2	5	.....	336 75
2	2	1	.....	.....	.....	.....	397 07
8	2	.....	.....	.....	.....	.....	392 70
.....	.....	.....	.....	.....	.....	.....	309 78
.....	.....	.....	.....	.....	.....	.....	222 40
18	8	6	3	.....	.....	.....	325 92
2	2	1	.....	.....	.....	.....	364 00
2	.....	.....	3	.....	.....	.....	342 31
9	.....	.....	.....	.....	.....	.....	285 41
.....	.....	1	.....	1	.....	.....	324 88
3	.....	.....	.....	1	.....	.....	311 75
9	2	2	.....	1	.....	.....	324 07
144	53	45	25	16	15	3	\$331 96
\$382 50	\$422 50	\$484 50	\$661 00	\$688 50	\$892 50	\$1,020 00	

Table No. 43

Railroad Construction

Number of establishment.	Greatest number employed	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	368	365	60	2		13
2.....	183	365	60		3	3
3.....	222	365	60	2	2	26
4.....	214	330	55		3	1
5.....	179	312	52			
6.....	1,162	312	52	35		18
7.....	292	312	52			
8.....	42	312	52	3	2	2
9.....	558	312	52	19	14	124
10.....	47	312	52			
11.....	332	310	51½			
12.....	46	310	51½			
13.....	401	309	51½	19	21	23
14.....	79	306	51			
15.....	92	306	51		1	
16.....	49	306	51			
17.....	112	306	51			
18.....	1,797	306	51	6	8	23
19.....	171	306	51			3
20.....	35	306	51			
21.....	21	306	51			
22.....	412	306	51	3		6
23.....	305	306	51	1	4	6
24.....	112	306	51	3	7	12
25.....	363	306	51	5		17
26.....	206	306	51			41
27.....	423	306	51			2
28.....	125	306	51	2		
29.....	208	306	51			
30.....	182	306	51	6	3	2
31.....	84	306	51			
32.....	2,068	306	51	35	14	42
33.....	21	306	50½		1	
34.....	1,243	306	50½	4	17	51
35.....	596	308	50½	52	9	178
36.....	2,000	300	50	10	6	85
37.....	152	289	48½	3		2
Total.....	15,067	312	52	210	168	699
Yearly earnings.....				\$208 00	\$363 25	\$338 00
FEMALES.						
1.....	3	318	52			3
2.....	2	309	51½			
3.....	3	306	51			
4.....	2	306	51			
5.....	1	306	51			1
Total.....	11	308	51½			4
Yearly earnings.....						\$333 65

—Continued.

and Equipment.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50	Av., \$8.50	Av., \$9.50	Av., \$11.00	Av., \$13.50	Av., \$17.50		
26	199	34	77	53	44	.....	\$690 80
.....	45	12	86	42	21	.....	694 24
20	29	7	25	52	21	28	718 08
22	12	52	107	28	14	.....	733 50
22	47	77	9	15	7	2	571 21
309	158	200	108	221	296	12	508 94
.....	37	79	92	83	1	.....	574 39
1	3	8	11	4	4	4	583 15
116	37	25	34	145	16	18	506 42
.....	11	8	24	24	4	.....	650 97
.....	15	67	82	122	82	14	690 05
.....	1	4	22	12	4	3	652 01
37	34	49	104	78	29	8	543 88
11	1	39	13	9	6	.....	536 47
10	.....	46	5	19	11	.....	592 91
25	.....	11	1	5	7	.....	513 12
47	4	29	9	12	11	.....	534 92
157	206	253	232	496	410	5	626 93
22	98	25	2	12	7	2	477 49
1	22	3	2	2	4	1	542 06
4	3	1	4	4	5	.....	587 71
52	26	143	96	35	48	.....	631 97
56	37	55	42	39	63	.....	572 55
7	16	17	21	20	8	.....	517 08
80	29	71	36	54	70	1	563 18
28	37	46	14	9	31	.....	506 53
3	10	151	133	51	57	16	605 67
4	.....	52	23	4	40	.....	627 91
.....	130	22	22	52	4	.....	551 44
22	2	41	43	28	32	2	583 70
.....	4	19	25	22	4	.....	570 53
89	506	109	247	260	444	237	568 93
.....	4	1	5	4	6	.....	744 39
130	191	226	189	292	176	67	763 73
85	52	49	47	59	42	29	397 90
340	600	400	300	250	35	20	423 38
54	7	33	11	22	20	.....	497 70
1,661	2,291	2,575	2,164	2,636	1,994	569	\$658 95
\$390 00	\$442 00	\$494 00	\$572 00	\$702 00	\$910 00	\$1,040 00	.....
.....
.....	.....	.....	.....	.....	.....	.....	\$329 06
2	.....	.....	.....	.....	.....	.....	236 25
3	.....	.....	.....	.....	.....	.....	232 50
.....	.....	2	.....	.....	.....	.....	481 00
.....	.....	.....	.....	.....	.....	.....	251 50
5	.....	2	.....	.....	.....	.....	\$386 43
\$385 00	.....	\$487 66	.....	.....	.....	.....	.....

Table No. 43

Stoves and

Number of establishments.	Greatest number employed.	WORKING TIME.		GREATEST		
		Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.						
1.....	63	300	50	6	2	8
2.....	90	300	50	3	1	2
3.....	295	300	50	40	10	14
4.....	3	296	49½	.....	.....	.....
5.....	17	290	48½	.....	.....	1
6.....	20	235	47½	3	.....	1
7.....	376	274	45½	15	5	5
8.....	80	265	44½	4	4	3
9.....	110	242	40½	6	2	6
10.....	104	231	38½	13	4	3
11.....	57	206	34½	5	.....	6
Total.....	1,224	272	45½	94	28	49
Yearly earnings....	.....	.....	.....	\$181 34	\$249 08	\$294 67
FEMALES.						
1.....	14	296	49½	14	.....	.....
Yearly earnings....	.....	.....	.....	\$197 34	.....	.....

—Concluded.

Castings.

NUMBER CLASSIFIED EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
6	6	14	8	4	6	2	\$478 23
3	.....	40	23	8	9	1	539 72
20	23	30	33	57	48	23	587 17
.....	.....	.....	.....	3	.....	.....	247 50
.....	1	3	5	6	1	.....	580 09
1	.....	.....	7	.....	19	.....	632 80
49	17	75	59	33	44	15	523 19
8	7	13	9	9	15	8	520 89
4	13	9	11	9	16	34	550 90
3	12	5	7	10	22	25	504 39
2	7	10	3	5	10	9	412 00
96	85	199	164	203	190	116	\$533 50
\$340 00	\$395 33	\$430 67	\$498 67	\$612 00	\$793 33	\$906 67	.....
.....
.....	.....	.....	.....	.....	.....	.....	\$247 50
.....

STATISTICS OF LABOR.

TABLE No. 44—*Recapitulation*

MALES.

Number.	INDUSTRY.	Greatest number employed.	WORKING TIME.		GREATEST		
			Days.	Weeks	Under \$5 Av., \$4	\$5 but under \$6 Av., \$5.50	\$6 but under \$7 Av., \$6.50
29	Agricultural implements	2,906	283	47½	\$188 67	\$259 43	\$306 56
4	Awnings, tents, etc.....	251	271	45½	180 67	248 42	293 56
30	Boxes, barrels, kegs, etc.....	2,654	272	45½	181 33	249 08	294 67
26	Brick, tile and sewer pipe	1,661	223	37½	148 67	204 42	241 58
29	Building material—wood	2,432	292	48¾	194 66	267 67	316 24
20	Carriages and wagons.....	1,598	297	49½	198 00	272 25	321 75
45	Clothing	1,556	295	49½	196 66	270 42	319 56
4	Electric apparatus, etc.....	2,331	306	51	204 00	280 50	331 50
7	Electric light, power and gas.....	458	326	54¾	217 34	298 83	353 16
29	Food preparations	1,533	225	37¾	150 67	207 16	244 81
52	Furniture.....	4,130	301	50½	200 67	275 92	326 08
26	Iron and steel forgings, castings..	7,229	297	49½	198 00	272 25	321 75
9	Iron—structural and ornamental..	1,131	302	50½	201 34	276 82	327 17
13	Liquors—malt and distilled.....	669	316	52¾	210 67	288 66	340 16
50	Machines and machinery	4,177	300	50	200 00	275 00	325 00
10	Meats, packing and preserving....	8,539	312	52	205 09	286 09	338 00
35	Metals and metallic goods.....	3,166	303	50½	202 00	277 75	328 25
14	Musical instruments	2,121	303	50½	202 09	277 75	328 25
53	Print'g, publish'g and bookbind'g.	2,657	307	51½	204 67	281 42	332 56
37	Railroad construct'n, etc.....	15,067	312	52	208 00	286 00	338 00
11	Stoves and castings.....	1,224	272	45½	181 34	249 08	294 67
545	21 industries.....	69,545	291	48½	\$194 00	\$266 75	\$315 25

of Table No. 43—1901.

MALES.

NUMBER CLASSIFIED EARNING WEEKLY—							Aggregate wages earned and paid to greatest number.	Average yearly earnings to each employé.
\$7 but under \$8 Av., \$7.50	\$8 but under \$9 Av., \$8.50	\$9 but under \$10 Av., \$9.50	\$10 but under \$12 Av., \$11	\$12 but under \$15 Av., \$13.50	\$15 but under \$20 Av., \$17.50	\$20 and over.		
3353 75	3400 92	3448 08	3518 83	3636 75	3825 42	3943 33	\$2,009,811	3514 54
338 75	383 92	429 08	496 88	609 75	790 42	903 33	90,391	380 12
340 00	385 33	430 67	498 67	612 00	793 33	906 67	1,579,236	432 21
378 75	301 92	353 08	408 83	501 75	650 42	743 33	771,673	464 58
383 46	413 67	463 33	535 32	657 00	851 66	973 33	1,230,505	526 52
371 25	420 75	470 25	544 50	668 25	866 25	990 00	850 781	532 40
368 75	417 92	467 08	540 58	663 75	860 42	983 33	1,025,377	658 86
382 50	433 50	484 50	561 00	686 50	892 50	1,020 00	1,125,906	472 87
407 50	481 83	516 16	597 66	733 50	950 86	1,086 66	304 835	665 58
383 50	320 16	357 82	414 33	508 50	659 16	753 33	632,932	415 52
376 25	426 42	476 58	551 83	677 25	877 82	1,003 33	2,145,577	519 51
371 25	420 75	470 25	544 50	668 25	866 25	990 00	3,923,209	543 40
377 50	427 83	478 17	550 00	679 50	880 83	1,006 66	719,450	636 12
395 00	447 66	500 33	579 33	711 00	921 66	1,053 33	453 825	678 36
375 00	425 00	475 00	550 00	675 00	875 00	1,000 00	2,331,275	570 09
390 00	442 00	494 00	572 00	702 00	910 00	1,040 00	5,070,486	593 89
378 75	429 25	479 75	555 50	681 75	883 75	1,010 00	1,655,687	522 96
378 75	429 25	479 75	555 50	681 75	883 75	1,010 00	1,253,640	591 06
383 75	434 92	486 08	563 83	690 75	895 42	1,023 00	1,769,706	666 05
390 00	442 00	494 00	572 00	702 00	910 00	1,040 00	8,572 295	568 95
340 00	385 33	430 67	498 67	612 00	793 33	906 57	653,003	533 50
3363 75	3412 25	3460 75	3533 50	3654 75	3848 75	3970 00	\$38,274,641	3550 36

Table No. 44

FEMALES.

Number.	INDUSTRY.	Greatest number employed.	WORKING TIME.		GREATEST		
			Days.	Weeks	Under \$5 Av., 34	\$5 but under \$6 Av., \$5.50	\$6 but under \$7 Av., \$6.50
2	Agricultural implements.....	3	300	50	.....	.....	.....
4	Awnings, tents, etc.....	199	271	45½	\$180 67	\$248 42	\$293 58
3	Boxes, barrels, kegs, etc.....	35	280	46¾	186 66	256 66	303 33
13	Carriages and wagons.....	73	293	48½	195 33	268 60	317 40
45	Clothing.....	2,404	285	49½	196 66	270 42	319 58
3	Electric apparatus, etc.....	873	306	51	204 00	280 50	331 50
3	Electric light, power and gas.....	4	303	50½	302 00	277 75	.....
24	Food preparations.....	850	224	37½	149 34	205 33	242 66
11	Furniture.....	141	304	50¾	202 67	278 66	329 33
3	Iron, steel, forgings, castings, etc..	66	296	49½	193 34	.....	330 67
3	Liquors, malt and distilled.....	9	308	51½	305 34	283 33	.....
5	Machines and machinery.....	84	278	46½	186 34	254 83	301 64
4	Meats, packing and preserving....	1,359	307	51½	304 67	281 42	332 58
10	Metals and metallic goods.....	306	292	48¾	194 67	267 67	316 34
3	Musical instruments.....	30	306	50½	303 34	279 89	330 43
46	Printing, publishing, bookbindi'g..	1,001	306	51	204 00	280 50	331 50
4	R. R. construction and equipm't...	11	308	51½	.....	.....	333 66
1	Stoves and castings.....	14	296	49½	197 34	.....	.....
187	18 industries.....	7,511	293	48½	\$195 33	\$268 58	\$317 40

—Concluded.

FEMALES.

NUMBER CLASSIFIED EARNING WEEKLY—							Aggregate wages earned and paid to greatest number.	Average yearly earnings to each employé.
\$7 but under \$8 Av., \$7.50	\$8 but under \$9 Av., \$8.50	\$9 but under \$10 Av., \$9.50	\$10 but under \$12 Av., \$11	\$12 but under \$15 Av., \$13.50	\$15 but under \$20 Av., \$17.50	\$20 and over.		
3375 00	.....	3475 00	.....	.....	.....	.....	\$1,225	\$408 33
338 75	3383 92	429 66	3496 63	.....	.....	.....	49,143	246 96
350 00	.....	.....	.....	3630 00	.....	.....	8,549	244 27
366 25	415 10	463 90	537 15	659 25	3854 60	.....	25,818	353 67
368 75	417 92	467 08	540 83	663 75	860 42	3963 33	814,025	338 61
382 50	423 50	484 50	561 00	688 50	.....	.....	246,942	232 87
378 75	.....	.....	555 50	.....	.....	.....	1,418	354 49
390 00	217 33	354 66	410 67	504 00	653 33	.....	182,922	215 20
390 00	430 66	481 33	557 33	684 00	896 66	1,013 33	48,734	345 63
370 00	419 33	468 67	539 00	.....	.....	.....	24,873	376 87
.....	.....	.....	.....	.....	.....	.....	2,002	222 43
347 50	387 63	440 16	.....	625 50	.....	.....	28,599	346 47
363 75	434 92	486 08	562 88	690 75	.....	.....	455,843	335 43
363 46	413 67	463 33	535 33	.....	.....	.....	70,969	232 69
381 25	432 08	483 92	559 17	.....	.....	.....	23,101	288 76
382 50	433 50	484 50	561 00	688 50	892 50	1,020 00	323,985	331 96
385 00	.....	487 66	.....	.....	.....	.....	4,251	386 43
.....	.....	.....	.....	.....	.....	.....	3,465	247 50
3366 25	3415 10	3463 90	3537 15	3659 25	3854 60	3976 66	\$2,315,864	\$308 33

Both tables are recapitulated, showing the estimated total number operation, the estimated average yearly earnings of each employé in The following tables give the same information, by industries, for

TABLE NO. 45—*Weekly and Yearly*

Number of es- tablishments.	INDUSTRY.	Greatest num- ber employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
MALES.							
1	Agricultural implements.....	4,088	288	47½	124	101	100
2	Awnings, tents, etc.....	239	293	48½	51	21	14
3	Bakery products.....	231	308	51½	7	3	3
4	Bicycles and tricycles.....	411	271	45½	56	14	57
6	Boxes, barrels, kegs.....	2,378	271	45½	367	274	306
5	Boots and shoes.....	769	235	47½	95	32	45
7	Brick, tile, sewer pipe.....	1,543	218	36½	51	18	72
8	Brooms and brushes.....	36	264	44	12	1	4
9	Building material, wood.....	2,223	285	47½	234	92	130
14	Coffins and burial cases.....	314	296	49½	15	4	47
10	Buttons and dress trimmings	122	270	45	18	14	18
11	Carriages and wagons.....	1,424	285	47½	102	49	74
12	Cigars and tobacco.....	459	291	48½	22	24	15
13	Clothing.....	1,505	290	48½	41	30	53
15	Confectionery.....	187	290	48½	20	9	22
16	Drugs and medicines.....	163	308	51½	4	2	2
17	Electric apparatus.....	2,654	305	50½	222	235	246
18	Electric light, power and gas	467	247	57½	11	16	10
19	Fancy articles.....	122	297	49½	3	3	15
20	Fertilisers.....	149	212	52½	1	1	1
21	Food preparations.....	1,736	225	37½	151	79	189
22	Furniture.....	3,901	300	50	301	152	247
23	Furnishing goods.....	115	305	50½	11	11	8
27	Iron and steel forgings.....	7,126	290	48½	166	105	88
24	Glass.....	1,324	279	46½	290	50	122
25	Hats, caps, gloves, mittens...	96	202	50½	9	6	7
26	Hosiery and knit goods.....	204	279	46½	52	14	17
28	Iron, struct'l and ornamental	974	303	50½	10	5	17
29	Jewelry and watch cases.....	276	223	56½	26	10	9
30	Leather and leather goods...	840	306	51	55	22	27

employed, the average number of days and weeks the plants were in each class, and the estimated average yearly earnings of all employés. the 767 industries for both years and for both males and females:

Earnings in all Industries—1900.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 ² but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50	Av., \$8.50	Av., \$9.50	Av., \$11.00	Av., \$13.50	Av., \$17.50		
433	653	890	534	559	518	46	\$510 51
13	43	20	13	46	16	3	422 35
1	6	16	45	97	37	6	667 25
42	13	31	31	69	82	16	524 10
779	272	417	336	410	190	27	420 62
61	45	71	87	121	123	90	654 11
163	95	460	231	236	153	65	412 81
8	3	1	.....	3	4	.....	342 65
175	174	343	233	561	230	70	499 92
2	5	19	47	116	47	12	536 35
25	21	11	10	9	3	3	392 75
163	106	346	343	255	156	29	511 72
4	21	25	109	117	84	27	536 05
67	121	107	295	242	270	255	644 55
20	14	31	36	20	14	1	423 25
11	10	30	30	32	36	16	660 06
264	260	236	298	410	255	28	474 05
4	5	200	62	77	63	19	661 51
11	10	32	31	36	8	3	515 73
8	3	41	39	34	30	1	612 11
213	122	427	268	172	81	19	360 09
402	239	462	740	873	269	65	531 08
4	6	10	10	15	27	13	608 53
153	267	1,443	1,967	964	890	1,043	637 57
23	23	48	114	162	82	311	507 26
10	10	11	13	15	12	3	517 79
15	13	36	26	16	4	6	377 59
9	19	214	128	217	228	117	637 33
10	2	7	37	49	82	44	637 17
53	41	123	152	178	113	36	535 89

Table No. 45

Number of es- tablishments.	INDUSTRY.	Greatest num- ber employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
31	Lithographing and engrav'g.	233	306	51½	38	9	7
32	Liquors, malt and distilled...	650	317	52½	44	13	23
33	Machines and machinery.....	2,814	300	50	218	126	92
34	Meats, packing and preserved	7,483	311	51½	137	298	241
35	Metals and metallic goods....	2,960	294	49	323	112	141
36	Milling, flour and feed.....	182	276	46	2	.....	6
37	Millinery and lace goods	108	292	48¾	8	9	9
38	Models, lasts and patterns ...	138	305	50½	5	7	8
39	Musical instruments.....	1,872	303	50½	86	57	94
40	Oils, varnish, etc.....	202	233	38¾	11	.....	15
41	Paper boxes, tags, etc.....	503	291	48½	42	33	20
42	Paving and paving materials	611	229	38½	1	.....	.....
43	Photography and materials..	433	307	51½	56	25	28
44	Pottery	476	284	47½	5	7	31
45	Printing, publish., binding...	2,565	307	51½	274	87	100
46	Railroad construc. and equip.	14,263	309	51½	183	237	579
47	Roofing and roofing materials	417	281	46½	1	2	3
48	Stone, cut and monumental..	440	268	44¾	8	4	1
49	Stone, quarried.....	58	306	51	.....	.....	.....
50	Stoves and castings	1,313	268	44¾	107	41	50
51	Surgical instrum., appliances	156	282	47	10	4	3
52	Tin and copper smithing.....	323	301	50½	47	25	23
53	Wire goods	248	305	50½	41	20	24
54	Wooden goods.....	194	269	44½	6	12	11
55	Woolen and cotton goods.....	403	304	50¾	48	53	84
	Totals.....	76,981	290	48½	4,449	2,069	3,628
	Yearly earnings.....	.....	.....	.....	\$193 33	\$265 83	\$314 17

—Concluded.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
6	6	12	24	28	22	81	\$689 23
27	26	81	64	208	151	14	661 57
253	264	521	551	830	777	92	576 29
160	78	2,530	1,635	1,405	766	248	589 58
228	258	605	423	451	337	72	507 49
25	12	59	25	28	16	9	507 86
6	3	12	17	20	10	14	550 57
8	5	9	12	19	52	13	686 17
163	127	191	239	313	396	196	619 86
44	16	13	54	44	5	.....	339 87
64	51	91	73	66	46	17	472 49
.....	31	144	204	83	77	71	446 63
17	12	18	23	60	59	135	677 12
40	70	218	46	34	18	7	423 49
116	138	141	296	369	718	326	652 12
1,335	1,953	2,241	2,237	2,492	1,899	607	573 74
4	2	13	52	131	146	63	763 02
8	4	99	112	50	75	79	603 23
.....	.....	.....	49	3	3	3	608 48
131	93	158	140	185	187	121	506 65
3	6	6	17	60	23	25	638 98
23	29	59	34	26	48	10	501 65
35	53	20	26	16	13	.....	423 44
17	31	58	14	21	24	.....	444 11
55	47	44	33	19	18	2	408 00
6,436	6,097	12,326	12,576	12,102	10,080	4,608	\$553 52
\$362 50	\$410 82	\$459 19	\$531 67	\$652 50	\$845 83	\$966 67	.....

TABLE No. 46—*Weekly and Yearly*

Number of es- tablishments	INDUSTRIES.	Greatest No. employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.50	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
FEMALES.							
1	Agricultural implements.....	3	300	50	.....	.....	.....
2	Awnings, tents, etc.....	191	292	48 ³ / ₄	73	36	42
3	Bakery products.....	100	308	51 ³ / ₄	30	10	34
4	Bicycles and tricycles.....	44	253	42 ¹ / ₄	42	1	1
5	Boots and shoes.....	425	285	47 ³ / ₄	106	44	36
6	Boxes, barrels, kegs, etc.....	31	305	50 ¹ / ₄	18	5	5
7	Brooms and brushes.....	46	264	44	26	9	5
8	Button, dress trimmings.....	74	299	49 ¹ / ₄	18	30	14
9	Carriages and wagons.....	51	278	46 ³ / ₄	20	9	14
10	Cigars and tobacco.....	301	291	48 ³ / ₄	112	64	60
11	Clothing.....	2,208	290	48 ³ / ₄	536	364	518
12	Coffins and burial cases.....	79	296	49 ³ / ₄	32	10	22
13	Confectionery.....	397	290	48 ³ / ₄	287	62	40
14	Drugs and medicines.....	163	308	51 ³ / ₄	128	20	7
15	Electric apparatus, etc.....	1,085	305	50 ¹ / ₄	386	496	108
16	Electric light, power, gas.....	5	324	54	2	2	.....
17	Fancy articles.....	147	297	49 ³ / ₄	36	49	22
18	Fertilisers.....	26	340	56 ³ / ₄	12	13	1
19	Food preparations.....	869	222	37	302	194	177
20	Furniture.....	127	305	50 ¹ / ₄	41	14	38
21	Furnishing goods.....	1,016	305	50 ¹ / ₄	264	128	152
22	Glass.....	40	270	45	30	6	.....
23	Hats, caps, gloves, mittens.....	173	302	50 ³ / ₄	17	19	42
24	Hosiery and knit goods.....	412	279	46 ³ / ₄	164	94	61
25	Iron, steel, forgings, castings.....	64	304	50 ³ / ₄	2	.....	12
26	Jewelry and watch cases.....	82	286	47 ³ / ₄	19	3	16
27	Leather and leather goods.....	56	306	51	24	12	5
28	Lithographing, engraving.....	37	308	51 ³ / ₄	22	5	6
29	Liquors, malt, distilled.....	8	311	51 ¹ / ₄	6	2	.....
30	Machines and machinery.....	62	286	47 ³ / ₄	15	12	10
31	Meats, packing, preserving.....	1,111	305	50 ¹ / ₄	270	162	269
32	Metals and metallic goods.....	291	290	48 ³ / ₄	100	18	66
33	Milling, flour and feed.....	2	300	50	.....	.....	.....
34	Millinery and lace goods.....	357	292	48 ³ / ₄	51	66	52

Earnings in All Industries.

NUMBER CLASSIFIED EARNING WEEKLY—

\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	Average yearly earn- ings to each employe.
2		1					\$408 23
27	9	1	3				284 65
21	2		1	1	1		316 29
							206 43
44	44	45	46	54	6		380 23
2				1			260 38
5	1						280 77
9	3						283 51
5		2	1				265 96
17	13	15	14	5	2		291 43
251	203	183	120	58	20	5	336 93
5		5	1	3			396 08
6			1		1		227 88
3	3	2					232 03
43	36	6	10				267 72
		1					296 98
15	3	4	10	4	4		329 19
							274 87
82	16	39	56	1	2		323 45
15	7	2	2		7	1	336 85
129	83	73	104	56	14	3	369 14
1	3						187 55
21	27	16	11	16	3		397 54
45	33	12	2	1			256 06
10	15	25					411 77
38		4	2				334 60
9	1	1	3	1			396 80
3	1						259 14
							325 50
7	12	3	1	1	1		334 94
181	103	76	26	25			336 23
104	2		1				307 01
					1	1	387 50
29	39	22	34	36	23	3	414 46

Table No. 46

Number of establishments.	INDUSTRIES.	Greatest No. employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.50	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
35	Musical instruments.....	53	306	51	20	10	10
36	Oils, varnish, etc.....	10	306	51	8	1	1
37	Paper boxes, tags, etc.....	472	297	49½	195	81	73
38	Paving, paving materials.....	1	300	50	.....	1	.....
39	Photography and mater'ls....	95	306	51	33	11	13
40	Pottery.....	1	300	50	.....	.....	1
41	Printing, pub., bookbinding..	957	306	51	334	137	156
42	R. R. const'n., equipment.....	8	307	51½	.....	.....	1
43	Stoves and castings.....	16	280	46¾	14	2	.....
44	Surg'l instru., appliances.....	17	293	48½	1	.....	7
45	Tin and copper smithing.....	20	290	48¾	8	10	1
46	Wire goods.....	23	310	51¾	17	2	2
47	Wooden goods.....	5	262	43¾	4	1	.....
48	Woolen, cot. goods, dyeing....	424	304	50¾	126	50	139
	Total.....	12,184	295	49½	3,951	2,277	2,240
	Average yearly earnings.....	.....	.....	.....	\$196 67	\$270 42	\$319 58

—Concluded.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8.	\$8 but under \$9.	\$9 but under \$10.	\$10 but under \$12.	\$12 but under \$15.	\$15 but under \$20.	\$20 and over.	
Av., \$7.50	Av., \$8.50	Av., \$9.50	Av., \$11.00	Av., \$12.50	Av., \$17.50		
4	2	.....	7	.....	.....	.....	311 77
.....	.....	.....	.....	.....	.....	.....	224 40
53	34	22	14	.....	.....	.....	294 74
.....	.....	.....	.....	.....	.....	.....	275 00
11	4	2	4	5	3	8	402 81
.....	.....	.....	.....	.....	.....	.....	325 00
134	77	49	25	29	13	3	326 91
5	.....	2	.....	.....	.....	.....	402 56
.....	.....	.....	.....	.....	.....	.....	195 41
4	1	3	.....	1	.....	.....	367 57
.....	.....	.....	.....	1	.....	.....	255 83
1	.....	1	.....	.....	.....	.....	245 09
.....	.....	.....	.....	.....	.....	.....	188 93
68	13	7	18	.....	2	1	314 66
1,409	788	574	517	800	103	25	3313 42
\$368 75	\$417 92	\$467 08	\$540 83	\$663 75	\$860 42	\$963 33	.....

TABLE NO. 47—*Weekly and Yearly*

Number of es- tablishments	INDUSTRY.	Greatest num- ber employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5.	\$5	\$6
					Av., \$4.00	but under \$6. Av., \$5.59	but under \$7. Av., \$6.50
MALES.							
1	Agricultural implements.....	3,906	283	47½	112	93	163
2	Awnings, tents, etc.....	251	271	45½	51	16	17
3	Bakery products.....	211	307	51½	6	2	5
4	Bicycles and tricycles.....	292	277	46½	43	12	40
5	Boots and shoes.....	753	273	45½	78	37	47
6	Boxes, barrels, kegs.....	3,654	272	45½	397	223	235
7	Brick, tile and sewer pipe....	1,661	223	37½	53	19	65
8	Brooms and brushes.....	44	272	45½	9	6	1
9	Building material, wood.....	2,432	292	48½	249	99	150
10	Burial cases, coffins, etc.....	312	296	49½	8	5	35
11	Button and dress trimmings.	127	277	46½	17	12	17
12	Carriages and wagons.....	1,598	297	49½	127	67	62
13	Cigars and tobacco.....	496	297	49½	35	27	21
14	Clothing	1,556	296	49½	33	15	75
15	Confectionery.....	201	294	49	23	11	8
16	Drugs and medicines.....	186	306	51½	4	4	1
17	Electric apparatus.....	2,381	306	51	346	261	227
18	Elec. light, power and gas ...	458	336	54½	7	9	14
19	Fancy articles	149	296	49½	6	8	10
20	Fertilizers.....	140	331	55½	2	1	4
21	Food preparations	1,538	226	37½	155	47	130
22	Furniture.....	4,130	301	50½	354	163	219
23	Furnishing goods.....	190	305	50½	14	16	23
24	Glass	1,258	272	45½	394	37	130
25	Hats, caps, gloves, mittens ...	103	309	50	9	7	9
26	Hosiery and knit goods.....	248	306	51	39	19	20
27	Iron, steel forg'gs, cast'gs, etc	7,229	297	49½	143	88	88
28	Iron, structural, ornamental.	1,131	302	50½	17	9	13
29	Jewelry and watch cases.....	306	296	49½	30	11	10
30	Leather and leather goods ...	890	306	51	53	24	27
31	Lithography and engraving..	235	308	51½	33	9	10
32	Liquors, malt and distilled...	669	316	52½	42	8	16
33	Machines and machinery.....	4,177	300	50	240	119	121
34	Meats, packing, preserving..	3,539	312	52	167	294	221

Earnings in all Industries—1901.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$6.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$11. Av., \$11	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
480	540	989	480	605	516	28	8514 54
25	42	15	18	49	13	5	380 12
1	7	17	42	92	33	6	638 90
24	17	19	28	37	60	12	527 75
47	39	48	94	111	158	94	508 15
876	340	383	413	430	226	31	432 21
123	82	524	229	257	210	89	464 58
1	1	4	10	5	5	2	432 55
150	176	362	272	553	312	89	526 52
2	9	17	48	126	50	12	618 22
23	17	14	12	10	3	2	403 48
152	130	282	253	258	217	50	532 40
8	16	30	32	144	100	33	614 01
78	84	112	237	296	324	252	658 98
20	22	12	33	37	24	5	464 56
10	19	36	22	31	42	17	650 04
219	221	212	291	284	195	25	472 87
15	6	189	68	105	72	23	665 57
14	9	23	22	40	14	3	528 36
1	.....	38	43	42	5	4	644 92
182	98	447	242	144	81	17	411 52
408	280	518	754	889	404	60	519 51
18	14	21	24	20	27	13	538 80
22	21	130	119	99	277	128	468 85
12	10	12	15	7	11	11	505 52
18	25	31	36	35	16	9	479 86
149	263	1,438	1,914	991	1,004	1,152	543 40
10	9	251	206	219	240	152	636 12
12	2	10	25	65	88	52	682 72
54	48	129	206	189	127	32	587 96
4	5	11	16	36	26	85	708 90
31	18	80	73	209	178	14	678 36
251	251	624	663	798	879	131	570 09
227	154	2,545	2,144	1,630	867	297	598 80

Table No 47

Number of es- tablishments.	INDUSTRY.	Greatest num- ber employed	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
35	Metals and metallic goods....	3,106	303	50½	344	113	155
36	Milling, flour and feed.....	181	279	46½	3	.....	2
37	Millinery and lace goods.....	126	292	48¾	9	10	10
38	Models, lasts and patterns....	168	302	50½	6	8	6
39	Musical instruments	2,121	303	50½	77	79	101
40	Oils, varnish, etc.....	201	249	41½	2	1	19
41	Paper boxes, tags, etc.....	499	296	49½	41	23	22
42	Paving and paving materials.	595	234	39	2	.....	.....
43	Photography and materials..	522	307	51½	54	45	28
44	Pottery	525	286	47¾	6	8	34
45	Printing, pub'g., bookbinding	2,657	307	51½	244	104	96
46	Railroad constr'n, equipm't..	15,067	312	52	210	168	699
47	Roofing and roofing material.	438	281	46½	2	1	2
48	Stone, cut and monumental ..	472	280	46¾	7	2	5
49	Stone, quarried.....	110	306	51	1	.....	.....
50	Stoves and castings.....	1,224	272	45½	94	28	49
51	Surgical instruments.....	175	295	49½	14	6	2
52	Tin and copper smithing.....	346	302	50½	54	39	36
53	Wire goods	283	305	50½	28	40	20
54	Wooden goods.....	202	273	45½	7	13	14
55	Woolen, cotton goods, dyeing.	412	304	50¾	48	48	90
	Totals.....	81,081	292	48½	4,560	2,502	2,780
	Yearly earnings.....	.....	.....	.....	\$194 00	\$366 75	\$315 25

—Continued.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earnings to each employee.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$11. Av., \$11	\$12 but under \$13. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$30 and over.	
234	219	536	589	450	440	87	\$522 96
29	8	60	22	32	16	9	515 59
12	4	17	20	14	16	14	531 37
12	8	12	20	18	68	15	674 08
201	164	256	279	334	423	208	591 06
53	13	16	48	47	3	.....	422 54
58	40	63	83	80	50	19	521 62
1	1	177	181	62	94	67	471 96
19	17	10	21	78	47	208	727 43
27	75	243	59	35	20	18	464 38
116	140	142	252	414	790	359	666 05
1,661	2,391	2,575	2,164	2,636	1,994	569	568 95
4	3	17	52	132	157	68	760 43
1	6	82	151	68	68	82	573 85
.....	.....	.....	57	11	15	26	602 50
96	85	199	164	203	190	116	533 50
4	8	10	12	54	29	35	664 87
17	31	58	35	26	50	10	485 65
34	29	43	42	21	16	.....	436 62
24	24	64	15	17	24	.....	484 55
56	53	41	20	36	16	4	416 15
6,297	6,469	14,132	13,472	13,706	11,314	4,849	\$550 06
\$363 75	\$412 25	\$460 75	\$533 50	\$654 75	\$848 75	\$970 00	.....

TABLE No 48—*Weekly and Yearly*

Number of es- tablishments.	INDUSTRY.	Greatest num- ber employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$8. Av., \$5.50	\$8 but under \$7. Av., \$6.50
FEMALES.							
1	Agricultural implements.....	3	300	50	.....	.....	.....
2	Awnings, tents, etc.....	199	271	45½	70	56	48
3	Bakery products	132	307	51½	31	39	30
4	Bicycles and tricycles.....	36	254	42½	24	1	1
5	Boots and shoes	445	273	45½	101	38	46
6	Boxes, Barrels, kegs, etc.....	35	280	46¾	21	4	8
7	Brooms and brushes.....	52	272	45¾	29	7	5
8	Burial cases, coffins, etc.....	86	298	49¾	31	12	29
9	Buttons and dress trimmings	106	299	49½	26	49	20
10	Carriages and wagons.....	73	298	48½	30	10	10
11	Cigars and tobacco.....	380	297	49½	124	98	46
12	Clothing	2,404	296	49½	553	371	577
13	Confectionery	443	294	49	298	68	58
14	Drugs and medicines.....	186	308	51½	143	21	11
15	Electric apparatus, etc	973	306	51	347	220	132
16	Electric light, power and gas	4	303	50½	1	1	.....
17	Fancy articles.....	137	296	49¾	40	41	15
18	Fertilizers.....	22	344	57¾	8	13	1
19	Food preparations	850	224	37¾	348	171	121
20	Furniture.....	141	304	50¾	32	20	44
21	Furnishing goods	1,088	305	50½	337	162	134
22	Glass.....	42	259	43½	30	5	3
23	Hats, caps, gloves and mitt's.	179	325	54½	17	20	53
24	Hosiery and knit goods	460	306	51	158	107	82
25	Iron, steel forg's, cast's, etc.	66	296	49¾	4	.....	11
26	Jewelry and watch cases	90	296	47¾	22	3	18
27	Leather and leather goods....	58	306	51	20	15	9
28	Lithographing and engraving	51	308	51¾	36	5	6
29	Liquors, malt and distilled...	9	308	51¾	7	2	.....
30	Machines and machinery.....	84	278	46¾	24	9	10

Earnings in all Industries—1901.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earn- ings to each employé.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$12.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
2		1					3408 83
13	6	4	2				246 96
27	2		1	1	1		307 48
							207 02
42	64	51	45	53	5		333 44
1				1			244 27
4	6	1					257 88
4	1	5	1	3			299 28
8	2	1					277 37
13	3	5	6	3	3		353 67
21	21	18	24	7	1		305 14
266	316	155	87	51	23	6	338 61
14	2	2	1				224 78
4	5		1				233 22
87	68	4	2	3			282 87
1			1				354 49
12	6	4	3	11	3	2	339 54
							269 53
91	16	65	23	3	2		315 20
22	9	1	5	2	5	1	345 63
123	89	68	99	60	14	2	356 73
1	2	1					183 46
20	26	18	13	12			330 71
52	40	15		5	1		298 46
12	12	22	5				376 87
40	1	4	1	1			314 10
9	1	1	2	1			300 37
3	1						243 87
							322 43
8	22	2		9			340 47

Table No. 48

Number of es- tablishments.	INDUSTRY.	Greatest num- ber employed.	WORKING TIME.		GREATEST		
			Days.	Weeks.	Under \$5. Av., \$4.00	\$5 but under \$6. Av., \$5.50	\$6 but under \$7. Av., \$6.50
31	Meats, packing and preserv'g	1,359	307	51½	338	233	236
32	Metals and metallic goods....	306	292	48¾	150	28	117-
33	Milling, flour and feed.....	4	263	43½	1	.....	.....
34	Millinery and lace goods.....	500	292	48¾	100	79	76
35	Musical instruments.....	80	305	50½	36	16	17
36	Oils, varnish, etc.....	9	306	51	8	1	.....
37	Paper boxes, tags, etc.....	519	296	49½	224	96	61
38	Paving and paving materials.	1	300	50	.....	.....	.....
39	Photography and materials ..	111	306	51	42	19	10
40	Pottery.....	1	300	50	.....	.....	1
41	Printing, publish'g, bookb'd'g	1,001	306	51	363	146	160
42	R.R. construct'n and equipm't	11	306	51½	.....	.....	4
43	Roofing and roofing materials	2	300	50	.....	.....	.....
44	Stoves and castings	14	296	49½	14	.....	.....
45	Surg'l instrume's, appliances.	17	293	48½	.....	1	4
46	Tin and copper smithing.....	22	290	48½	8	12	1
47	Wire goods.....	17	310	51¾	8	3	3
48	Wooden goods.....	5	278	46½	4	1	.....
49	Wool'n, cot'n goods, dye'g, etc	449	304	50¾	140	62	145
	Total.....	12,140	296	49½	4,328	2,324	2,363
	Average yearly earnings.....	.....	.....	.....	\$196 67	\$270 42	\$319 58

—Concluded.

NUMBER CLASSIFIED—EARNING WEEKLY—							Average yearly earn- ings to each employe.
\$7 but under \$8. Av., \$7.50	\$8 but under \$9. Av., \$8.50	\$9 but under \$10. Av., \$9.50	\$10 but under \$12. Av., \$11.00	\$12 but under \$15. Av., \$13.50	\$15 but under \$20. Av., \$17.50	\$20 and over.	
121	202	152	27	10	.....	.....	\$325 43
6	2	1	1	.....	.....	.....	232 69
1	.....	.....	.....	.....	1	1	575 80
21	55	41	43	44	29	2	399 48
1	2	1	7	.....	.....	.....	288 76
.....	.....	.....	.....	.....	.....	.....	212 50
51	40	24	24	.....	.....	.....	\$11 69
.....	.....	.....	1	.....	.....	.....	550 00
9	7	3	.....	9	2	10	390 44
.....	.....	.....	.....	.....	.....	.....	326 00
144	83	45	26	16	15	3	331 96
5	.....	2	.....	.....	.....	.....	396 43
.....	1	.....	.....	1	.....	.....	550 00
.....	.....	.....	.....	.....	.....	.....	247 50
3	2	3	3	1	.....	.....	410 22
.....	.....	.....	.....	1	.....	.....	269 26
2	.....	1	.....	.....	.....	.....	262 17
.....	.....	.....	.....	.....	.....	.....	179 76
67	13	3	16	1	.....	2	306 30
1,851	1,128	724	480	309	104	29	\$312 97
\$398 75	\$417 92	\$467 08	\$540 83	\$668 75	\$960 42	\$983 23	.....

Observing the estimated total number of persons employed, as shown in the preceding tables, it will be noticed that they exceed somewhat the aggregate average number shown in Tables 39 and 40; but, as has been explained, this number is taken as more correctly representing the actual number of persons employed throughout each of the two years, and the same may be said of the average yearly earnings. The final lines in each of the foregoing tables shows the greatest number employed, the average number of days and weeks that the plants were in operation, the number of employ  es earning the classified weekly wages, and yearly earnings in each classification. The last column shows the average yearly earnings of employ  es in each industry.

Referring to the classified earnings for 1900, it is found that in the grouping from \$9, but under \$10, to \$20 and over comprises 69.76 per cent of the males and 12.47 per cent of the females. The same division for 1901 shows 71.81 per cent of the males and 12.53 per cent of the females.

The average yearly earnings of all male employ  es in 1901 is a trifle less than in 1900. However, the estimated number employed in 1901 exceeds that of 1900 by 4,050, and the average number of weeks in 1901 exceeds by a fraction those of 1900; consequently the earnings in each class for 1901 are proportionately increased.

The following tables, presented for the two years, give the record of each establishment in all the industries, with the average number employed, the working days and the hours, and the average yearly and daily earnings:

TABLE NO. 49.—*Average Number Employed, Both Sexes, Working Time and Earnings—All Industries, 1900.*

Agricultural Implements.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	75	313	10	\$ 36,300	\$489 22	\$1 56
2.....	44	312	10	19,266	437 86	1 40
3.....	55	308	10	30,218	549 42	1 78
4.....	86	306	10	21,758	253 00	1 83
5.....	77	306	10	30,453	395 49	1 29
6.....	10	306	10	4,740	474 00	1 55
7.....	128	306	10	52,015	406 37	1 23
8.....	54	306	10	30,983	573 76	1 87
9.....	25	306	10	10,147	405 88	1 23
10.....	22	305	10	7,780	353 62	1 16
11.....	195	304	10	115,985	594 79	1 96
12.....	88	300	10	33,797	384 06	1 26
13.....	502	300	10	257,420	513 79	1 71
14.....	22	300	10	11,800	491 20	1 64
15.....	78	300	10	37,923	486 19	1 63
16.....	85	300	10	35,000	411 76	1 37
17.....	319	299	10	200,000	626 96	2 10
18.....	22	288	10	12,000	521 74	1 61
19.....	122	288	10	68,239	554 79	1 82
20.....	76	285	10	34,478	453 66	1 59
21.....	74	285	10	51,735	699 12	2 47
22.....	122	280	9-10	63,733	513 15	1 85
23.....	222	275	10	109,677	494 04	1 80
24.....	51	264	10	25,335	496 76	1 83
25.....	110	256	10	45,633	415 30	1 43
26.....	42	230	10	23,440	553 10	2 43
27.....	77	203	10	40,397	524 64	2 58
28.....	20	200	10	8,475	423 75	2 12
29.....	106	181	10	22,347	212 53	1 62
	2,912	281	.....	\$1,440,628	\$494 72	\$1 76

Awnings, Tents, Etc.

1.....	118	307	10	\$45,000	\$381 26	\$1 24
2.....	30	306	10	12,000	400 00	1 31
3.....	50	306	10	15,000	300 00	1 06
4.....	187	250	10	54,869	293 42	1 17
	385	292	.....	\$126,869	\$329 53	\$1 13

Bakery Products.

1.....	37	313	10	\$30,808	\$822 65	\$3 06
2.....	70	308	10	29,300	418 57	1 26
3.....	65	308	10	42,491	653 71	2 12
4.....	39	306	8	26,079	668 06	2 19
5.....	60	300	10	5,000	83 32	28
	271	307	.....	\$123,677	\$493 64	\$1 61

Table No. 49—Continued.

Bicycles and Tricycles.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	198	306	10	\$98,632	\$471 40	\$1 54
2.....	24	300	10	10,510	437 93	1 46
3.....	80	277	10	42,300	537 50	1 90
4.....	7	300	9-10	1,000	438 57	2 14
	299	271	.....	\$144,333	\$482 73	\$1 78

Boots and Shoes.

1.....	21	310	10	\$ 12,000	\$571 42	\$1 84
2.....	281	306	10	82,932	330 40	1 08
3.....	18	300	9	10,587	902 06	2 01
4.....	857	300	10	303,874	568 27	1 89
5.....	106	290	10	54,945	512 72	1 77
6.....	273	258	10	108,324	398 00	1 37
7.....	50	310	9-9	21,690	438 60	2 06
	1,076	286	.....	\$490,596	\$465 94	\$1 59

Boxes, Barrels and Kegs.

1.....	18	309	10	\$ 7,875	\$437 50	\$1 42
2.....	302	308	9-9	139,064	462 53	1 50
3.....	47	307	10	14,630	311 28	1 01
4.....	51	407	10	19,868	390 37	1 27
5.....	119	306	10	29,088	249 48	1 32
6.....	38	306	10	20,000	555 55	1 82
7.....	16	306	10	5,630	351 88	1 15
8.....	138	305	10	69,099	438 26	1 40
9.....	24	300	9	12,321	528 38	1 79
10.....	100	300	10	25,911	259 11	1 86
11.....	40	300	10	20,000	500 00	1 67
12.....	168	300	10	65,000	391 67	1 31
13.....	67	300	8	20,000	350 88	1 13
14.....	492	300	10	128,000	256 46	1 85
15.....	112	300	10	28,600	254 46	1 08
16.....	63	300	10	20,000	317 46	1 36
17.....	86	290	10	32,902	394 21	1 16
18.....	512	259	10	170,897	332 81	1 15
19.....	41	281	10	18,336	443 56	1 60
20.....	78	275	10	26,200	335 90	1 22
21.....	48	270	10	18,000	418 90	1 55
22.....	161	270	10	68,803	398 19	1 46
23.....	47	260	10	18,467	392 91	1 51
24.....	18	224	10	8,784	310 22	1 94
25.....	68	220	10	27,000	637 93	2 90
26.....	27	220	10	12,000	444 44	2 02
27.....	75	200	10	25,000	346 66	1 73
28.....	53	200	10	19,000	358 49	1 79
29.....	22	200	10	6,000	272 73	1 36
30.....	*15	*86	10	*4,629	306 08	3 63
	3,002	278	.....	\$1,066,244	\$355 18	\$1 23

*Not included in totals or averages.

Table No. 49—Continued.

Brick, Tile and Sewer Pipe.

Number of establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	53	306	10½	\$ 21,403	\$411 80	\$1 34
2.....	8	306	10	4,148	518 50	1 69
3.....	100	306	10	33,770	337 70	1 10
4.....	92	300	10	43,824	476 34	1 59
5.....	36	300	9-10	10,433	299 81	97
6.....	26	275	10	5,500	220 00	80
7.....	39	270	10	13,900	356 41	1 33
8.....	247	263	10	147,748	598 25	2 23
9.....	45	260	9-10	20,297	451 04	1 73
10.....	33	234	10	10,954	331 04	1 43
11.....	74	237	10	34,596	467 51	2 06
12.....	33	235	10	12,909	408 41	1 79
13.....	66	235	8	39,730	611 32	2 27
14.....	13	212	10	3,426	263 54	1 24
15.....	20	210	10	9,700	485 00	2 31
16.....	67	200	10	25,000	378 13	1 37
17.....	33	200	10	10,000	308 02	1 52
18.....	34	187	10	12,066	354 88	1 90
19.....	9	180	10	3,710	412 23	2 29
20.....	23	168	10	4,162	180 96	1 08
21.....	57	160	10	24,926	437 80	2 73
22.....	40	155	10	14,400	360 00	2 32
23.....	24	135	8	15,930	663 75	4 92
24.....	39	125	10	4,500	155 17	1 24
25.....	47	118	10	18,990	414 04	3 51
26.....	27	115	10	3,525	130 56	1 14
	1,271	218	.....	\$549,547	\$433 87	\$1 96

Brooms and Brushes.

1.....	49	296	9	\$11,900	\$230 61	\$0 77
2.....	26	230	10	5,764	221 69	96
	75	264	.....	\$17,064	\$227 53	\$0 86

Table No. 49—Continued.

Building Material, Wood.

Number of establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	27	307	8	\$13,882	\$514 15	\$1 67
2.....	45	306	10	11,900	264 44	1 86
3.....	26	306	10	13,812	531 22	1 74
4.....	62	306	9	35,936	579 61	1 89
5.....	45	306	10	26,609	591 81	1 98
6.....	45	306	8	33,000	733 33	2 40
7.....	13	306	9	11,750	653 76	2 13
8.....	77	306	10	40,000	519 48	1 70
9.....	36	306	10	11,000	305 56	1 00
10.....	20	306	10	8,118	405 90	1 23
11.....	20	306	10	8,563	428 15	1 40
12.....	15	306	9	9,464	630 98	2 06
13.....	25	306	9	12,000	480 00	1 57
14.....	189	306	18	70,000	370 87	1 21
15.....	50	306	9	31,541	636 32	2 08
16.....	22	300	9	15,112	657 04	2 19
17.....	55	300	9	26,322	478 58	1 60
18.....	17	300	10	10,000	598 89	1 96
19.....	60	300	9	30,000	500 00	1 67
20.....	23	300	8-9	11,250	499 13	1 63
21.....	94	289	9	32,367	344 93	1 15
22.....	31	286	9	15,895	512 74	1 74
23.....	31	282	10	17,476	563 74	1 98
24.....	27	291	10	18,700	692 63	2 36
25.....	30	290	10	16,500	550 00	1 83
26.....	24	289	10	12,400	516 67	1 79
27.....	31	285	8	13,472	434 58	1 52
28.....	30	280	10	15,000	500 00	1 79
29.....	32	280	10	17,918	542 97	1 94
30.....	263	279	10	95,794	364 24	1 21
31.....	38	275	9	15,000	454 55	1 65
32.....	72	275	9	40,000	555 56	2 02
33.....	85	270	10	11,570	390 57	1 23
34.....	12	268	9	7,000	598 33	2 20
35.....	8	241	8	4,746	598 25	2 46
36.....	19	234	10	8,240	433 68	1 55
37.....	43	220	8	20,959	487 42	2 22
38.....	213	196	11	98,832	464 00	2 24
39.....	5	150	10	750	150 00	1 00
	1,912	285	.....	\$393,178	\$467 14	\$1 64

Burial Cases and Coffins.

1.....	150	306	10	\$83,987	\$559 91	\$1 83
2.....	55	300	10	16,122	293 13	1 98
3.....	69	300	9-10	23,000	405 80	1 35
4.....	80	280	10	35,000	437 50	1 56
	354	297	.....	\$163,109	\$467 06	\$1 57

Table No. 49—Continued.

Buttons and Dress Trimmings.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	53	300	10	\$15,439	\$391 30	\$0 97
2.....	25	300	10	9,200	368 09	1 23
3.....	120	299	10	26,914	307 62	1 08
4.....	8	180	10	2,127	265 88	1 48
	306	270	.....	\$63,680	\$309 12	\$1 14

Carriages and Wagons.

1.....	78	334	10	\$40,410	\$518 08	\$1 55
2.....	46	310	10	16,038	348 65	1 12
3.....	48	308	10	19,436	404 92	1 31
4.....	78	306	10	36,500	467 95	1 53
5.....	28	305	8-10	24,000	867 14	2 80
6.....	36	306	10	18,666	518 50	1 69
7.....	52	306	9-10	43,486	530 32	1 73
8.....	150	306	10	90,000	600 00	1 96
9.....	186	306	8-10	72,132	387 81	1 27
10.....	31	306	9	1,645	375 64	1 23
11.....	77	304	10	38,582	501 16	1 65
12.....	41	301	10	16,178	394 58	1 31
13.....	40	297	10	16,627	415 67	1 40
14.....	36	290	10	20,000	555 56	1 92
15.....	81	280	10	35,000	432 10	1 49
16.....	84	282	10	42,200	502 38	1 78
17.....	23	275	10	9,249	402 13	1 46
18.....	39	270	10	10,800	276 92	1 03
19.....	22	230	10	14,565	633 26	2 75
20.....	46	65	10	5,200	113 04	1 74
	1,253	285	.....	\$580,714	\$453 46	\$1 63

Cigars and Tobacco.

1.....	43	310	9	\$21,000	\$498 37	\$1 58
2.....	19	306	9	6,449	339 42	1 11
3.....	22	306	8	16,500	750 09	2 45
4.....	20	306	9	6,000	300 00	98
5.....	48	306	9	21,000	437 50	1 43
6.....	18	306	8	6,900	353 32	1 25
7.....	60	306	8	25,000	416 67	1 36
8.....	24	301	8	12,000	500 00	1 66
9.....	40	300	9	13,000	325 00	1 08
10.....	23	300	8	14,528	631 65	2 11
11.....	27	300	9 ¹ / ₂	9,630	356 67	1 19
12.....	25	295	9 ¹ / ₂	6,549	261 96	89
13.....	26	290	8	7,853	303 04	1 04
14.....	25	290	8	18,400	535 71	1 81
15.....	25	289	9	12,946	269 88	1 26
16.....	94	275	8	39,594	421 21	1 53
17.....	86	270	9	60,000	697 67	2 58
18.....	60	250	8	24,995	499 90	2 00
19.....	31	225	10	8,791	283 58	1 12
	726	291	.....	\$331,136	\$456 11	\$1 57

Table No. 49—Continued.

Clothing.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	87	312	9	\$32,000	\$367 82	\$1 18
2.....	294	306	8	140,000	476 19	1 56
3.....	87	306	9	13,880	375 14	1 23
4.....	33	306	9	14,888	451 15	1 47
5.....	30	306	9	10,000	333 33	1 09
6.....	58	306	9	21,236	368 14	1 20
7.....	62	306	8	37,000	596 77	1 96
8.....	33	306	10	12,900	403 12	1 32
9.....	44	306	10	15,000	340 91	1 11
10.....	60	306	8	42,329	705 48	2 31
11.....	22	306	9	6,000	272 73	89
12.....	70	306	10	11,000	157 14	51
13.....	40	306	10	7,921	196 03	65
14.....	22	306	10	9,000	409 09	1 34
15.....	30	306	9	12,990	433 00	1 43
16.....	24	306	9	6,000	250 00	82
17.....	36	306	9	24,000	696 67	2 18
18.....	49	306	10	13,467	274 84	90
19.....	12	306	10	3,600	300 00	96
20.....	43	306	9	9,763	226 43	74
21.....	328	306	9	260,000	793 64	2 59
22.....	61	306	9	17,500	296 89	94
23.....	58	306	9	18,000	310 34	1 02
24.....	175	306	9	76,000	434 28	1 42
25.....	17	306	10	15,742	936 00	3 08
26.....	56	304	8	37,700	672 21	2 22
27.....	75	304	10	16,881	325 06	74
28.....	33	302	9	12,972	393 09	1 30
29.....	75	300	9	18,000	240 00	80
30.....	28	300	10	11,000	332 86	1 31
31.....	68	300	10	12,683	186 22	63
32.....	26	300	9	13,000	464 29	1 55
33.....	76	300	9 ¹⁻²	18,000	230 77	77
34.....	120	291	9-9 ¹⁻²	63,460	523 83	1 62
35.....	15	290	10	1,920	128 00	44
36.....	39	290	8	5,000	128 21	44
37.....	37	275	9	12,006	324 23	1 18
38.....	321	275	9	210,000	654 21	2 28
39.....	80	275	9	43,000	537 50	1 95
40.....	98	265	9	29,500	317 20	1 30
41.....	43	250	10	10,000	233 56	98
42.....	35	230	10	9,000	257 14	1 12
43.....	50	220	9	20,000	400 00	1 33
44.....	24	200	10	5,950	247 92	1 24
45.....	25	180	10	3,928	157 12	1 21
	2,047	290	.....	\$1,284,193	\$454 21	\$1 57

Confectionery.

1.....	29	306	9	\$14,521	\$372 22	\$1 22
2.....	36	306	10	17,000	472 22	1 58
3.....	26	300	9 ¹⁻²	5,342	190 79	64
4.....	27	300	9	5,160	191 11	64
5.....	133	284	10	23,204	174 47	61
6.....	193	246	10	63,000	326 43	1 33
	456	290	.....	\$128,227	\$381 20	90 97

Table No. 49—Continued.

Drugs and Medicines.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	80	313	10	\$35,000	\$325 00	\$1 04
2.....	24	310	9	9,500	296 83	1 28
3.....	86	308	9	27,181	316 06	1 08
4.....	32	306	10	12,501	290 86	1 28
5.....	25	306	10	9,237	297 08	1 30
6.....	8	306	8	4,160	520 00	1 77
	255	308	.....	\$89,269	\$280 07	\$1 14

Electrical Apparatus, Etc.

1.....	31	306	10	\$16,240	\$523 87	\$1 71
2.....	50	306	10	21,000	420 00	1 87
3.....	28	306	10	18,887	608 78	1 97
4.....	2,279	302	9	1,571,487	479 26	1 59
	2,388	306	.....	\$1,622,614	\$479 64	\$1 57

Electric Light, Power and Gas.

1.....	20	365	10	\$10,680	\$534 00	\$1 46
2.....	30	365	10-12	10,773	269 10	98
3.....	40	365	9-12	18,080	453 25	1 24
4.....	101	365	10	46,935	464 70	1 27
5.....	32	365	10	28,232	868 27	2 35
6.....	75	307	9	46,244	616 61	2 01
7.....	60	399	9	30,581	509 68	1 70
	269	347	.....	\$191,628	\$532 78	\$1 55

Fancy Articles.

1.....	25	312	9	\$12,000	\$480 00	\$1 54
2.....	61	306	7-9	15,000	245 90	80
3.....	74	303	10	30,000	405 41	1 34
4.....	11	300	9	8,000	272 72	91
5.....	28	290	8	5,282	191 60	66
6.....	53	270	10	17,200	324 53	1 20
	252	297	.....	\$82,562	\$327 63	\$1 10

Table No. 49—Continued.

Fertilizers.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	62	365	10	\$39,650	\$639 52	\$1 75
2.....	26	360	10	12,810	472 46	1 32
3.....	25	254	10	9,522	393 26	1 34
4.....	22	254	10	14,000	608 70	2 60
	136	312	.....	\$75,732	\$557 29	\$1 78

Food Preparations.

1.....	24	365	10	\$10,072	\$296 24	\$0 81
2.....	102	365	10	37,500	367 65	1 01
3.....	40	365	10	21,398	534 26	1 47
4.....	147	360	7-10	65,570	446 05	1 24
5.....	97	350	10	29,695	306 12	0 87
6.....	126	312	10	67,154	498 78	1 55
7.....	79	312	10	31,762	402 05	1 29
8.....	29	300	10	16,591	572 10	1 65
9.....	21	305	9	8,000	290 96	1 24
10.....	25	304	10	12,600	504 00	1 65
11.....	40	305	10	19,160	489 00	1 53
12.....	12	305	10	7,020	585 00	1 91
13.....	23	305	10	16,772	599 00	1 96
14.....	35	305	10	37,587	442 20	1 45
15.....	19	300	8	7,093	373 23	1 24
16.....	40	300	10	19,800	495 00	1 65
17.....	32	260	10	9,473	296 08	1 14
18.....	8	200	12	1,000	125 00	0 63
19.....	43	170	10	8,500	197 67	1 16
20.....	29	150	10	7,772	268 00	1 79
21.....	59	†106	10	25,000	422 73	1 35
22.....	27	90	10	1,500	55 55	0 63
23.....	32	79	10	3,800	119 75	1 50
24.....	315	60	10	10,000	31 75	0 53
25.....	12	60	12	1,588	132 33	2 21
26.....	55	60	10	3,000	54 55	0 91
27.....	93	*60	10	30,000	322 59	1 05
28.....	36	38	10	7,300	76 54	2 02
29.....	55	26	10	1,400	25 45	0 36
	1,789	225	.....	\$512,107	\$289 60	\$1 29

* This establishment (fruit packing) employs an average of 46 persons the year round the days are for packing season only.

† This establishment (fruit packing) employs an average of 21 persons the year round; the days are for packing season only.

Table No. 49—Continued.

Furniture.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	57	353	10	\$23,000	\$403 51	\$1 15
2.....	187	306	10	54,703	292 53	96
3.....	53	306	10	15,000	288 46	94
4.....	30	306	10	12,000	600 00	1 96
5.....	18	306	10	6,837	379 83	1 24
6.....	67	306	10	26,099	389 54	1 27
7.....	43	307	9	20,000	465 12	1 53
8.....	60	306	10	28,000	466 67	1 53
9.....	75	306	10	38,000	506 67	1 66
10.....	83	306	9	46,835	564 28	1 84
11.....	38	306	9	24,880	654 74	2 14
12.....	73	306	9	26,786	503 92	1 66
13.....	45	306	10	20,000	444 44	1 45
14.....	160	306	10	76,500	478 12	1 56
15.....	80	306	10	37,000	462 50	1 51
16.....	215	306	10	125,784	585 04	1 91
17.....	17	306	10	7,000	411 76	1 35
18.....	36	306	10	12,700	488 46	1 60
19.....	21	306	10	25,155	1,197 86	3 91
20.....	171	306	10	103,000	602 34	1 97
21.....	68	306	9	37,966	558 32	1 82
22.....	75	306	10	20,000	266 67	87
23.....	21	306	10	12,500	595 24	1 96
24.....	96	306	10	47,000	489 58	1 60
25.....	33	306	10	14,774	461 69	1 51
26.....	54	306	8	17,000	314 81	1 08
27.....	34	306	10	16,070	472 65	1 58
28.....	41	305	10	13,500	329 27	1 06
29.....	81	305	10	37,604	464 35	1 52
30.....	66	304	10	25,712	389 58	1 28
31.....	18	303	10	11,400	633 33	2 09
32.....	42	303	10	22,851	544 07	1 80
33.....	160	300	10	73,889	461 81	1 54
34.....	9	300	10	5,000	555 55	1 85
35.....	41	300	9	25,000	609 76	2 08
36.....	106	300	9-10	49,424	466 26	1 55
37.....	120	300	19	52,000	433 33	1 44
38.....	157	300	10	64,248	409 22	1 36
39.....	66	300	10	29,000	439 39	1 46
40.....	70	298	10	30,000	428 57	1 44
41.....	100	297	10	39,693	396 93	1 34
42.....	75	295	10	40,311	537 48	1 53
43.....	24	295	10	11,628	484 50	1 64
44.....	71	294	10	33,368	469 97	1 60
45.....	36	290	10	16,225	450 69	1 55
46.....	35	286	10	15,809	451 69	1 58
47.....	82	285	10	35,530	433 29	1 53
48.....	115	280	10	23,600	205 21	73
49.....	44	280	10	15,313	348 02	1 24
50.....	35	275	10	16,724	477 83	1 74
51.....	26	270	9	12,000	333 33	1 23
52.....	24	250	10	10,000	416 67	1 37
	2,542	300	.....	\$1,614,418	\$455 79	\$1 53

Table No. 49—Continued.

Furnishing Goods.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	29	313	8	\$7,000	\$241 28	\$0 77
2.....	125	307	9	47,574	354 63	1 16
3.....	25	306	9	4,000	160 00	1 52
4.....	114	306	8½	38,000	332 23	1 00
5.....	141	306	9	40,571	287 74	94
6.....	295	386	8½	105,154	356 45	1 16
7.....	53	306	9½	17,700	332 96	1 09
8.....	90	304	9	12,374	412 47	1 36
9.....	144	300	8	62,000	430 56	1 44
10.....	40	300	8½	13,000	325 00	1 08
	1,006	306	.....	\$347,673	\$345 60	\$1 12

Glass.

1.....	43	306	10	\$19,317	\$449 22	\$1 47
2.....	43	306	10	16,000	372 09	1 22
3.....	78	306	10	41,882	530 64	1 73
4.....	504	300	9	300,000	596 42	1 99
5.....	46	298	10	17,796	296 95	1 34
6.....	286	240	10	167,924	589 24	2 46
7.....	117	210	8-10	47,193	403 26	1 92
	1,115	279	.....	\$609,621	\$546 75	\$1 96

Hats, Caps, Gloves and Mittens.

1.....	95	306	9	\$25,000	\$263 16	\$0 86
2.....	17	506	8½	7,312	430 18	1 41
3.....	19	304	9½	8,800	452 63	1 49
4.....	140	293	10	60,000	429 57	1 46
	271	302	.....	\$100,913	\$372 37	\$1 23

Hosiery and Knit Goods.

1.....	25	306	10	\$11,000	\$440 00	\$1 44
2.....	296	280	10	136,041	352 44	1 26
3.....	211	250	10	73,000	345 97	1 28
	532	279	.....	\$220,041	\$353 76	\$1 27

Table No. 49—Continued.

Iron and Steel Forgings.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	71	308	10	\$25,400	\$356 84	\$1 16
2.....	81	306	10	19,984	643 85	2 10
3.....	66	306	10	41,812	638 52	2 07
4.....	33	306	10	26,000	812 50	2 66
5.....	468	306	10	300,000	647 95	2 12
6.....	15	306	10	13,104	878 60	2 85
7.....	2,478	306	8-12	1,759,242	711 38	2 33
8.....	1,000	306	8	802,677	803 68	2 63
9.....	19	306	10	9,995	826 05	1 72
10.....	165	306	10	110,552	670 01	2 19
11.....	53	306	10	26,000	490 57	1 60
12.....	28	306	10	18,500	660 71	2 17
13.....	27	301	10	18,640	616 80	2 05
14.....	179	301	10	105,000	896 59	1 95
15.....	60	300	9	26,506	441 77	1 47
16.....	50	300	10	16,884	337 28	1 12
17.....	208	300	10	85,000	408 65	1 36
18.....	120	300	10	46,000	393 33	1 28
19.....	58	296	10	29,768	512 22	1 74
20.....	43	294	10	26,832	624 00	2 13
21.....	16	294	8	12,696	793 50	2 70
22.....	228	289	10	129,636	568 58	1 97
23.....	63	274	10	32,016	508 19	1 85
24.....	25	261	10	9,082	363 28	1 39
25.....	58	250	10	32,450	579 46	2 32
26.....	300	230	8	94,662	315 54	1 37
27.....	150	225	10	75,000	500 00	2 22
28.....	140	220	10	54,842	391 73	1 78
	6,139	290	.....	\$3,946,260	\$642 52	\$2 22

Iron, Structural and Ornamental.

1.....	25	306	8	\$18,900	\$756 00	\$3 47
2.....	342	306	9-12	198,468	565 69	1 85
3.....	18	306	9	15,000	633 33	2 73
4.....	21	306	10	10,000	476 19	1 56
5.....	59	306	10	38,694	655 63	2 14
6.....	200	300	10	120,000	800 00	2 00
7.....	43	300	10	22,000	534 88	1 78
8.....	50	300	10	30,000	600 00	2 00
9.....	50	300	10	25,000	500 00	1 67
	808	303	.....	\$474,060	\$596 71	\$1 94

Jewelry.

1.....	50	325	10	\$36,000	\$720 00	\$3 22
2.....	40	310	9-12	30,000	750 00	2 43
3.....	43	309	9	17,000	404 76	1 31
4.....	23	306	9-12	18,125	323 86	2 69
5.....	57	306	9-12	38,649	678 06	2 23
6.....	77	296	9-12	56,841	731 70	2 47
7.....	30	314	10	10,000	333 33	1 56
	318	297	.....	\$206,115	\$648 16	\$2 18

Table No. 49—Continued.

Leather Goods.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	11	313	10	\$4,353	\$395 73	\$1 26
2.....	62	306	10	26,000	419 35	1 37
3.....	31	306	10	12,000	397 19	1 37
4.....	22	306	9	11,407	518 50	1 69
5.....	36	306	9 ¹ / ₂	14,020	399 44	1 37
6.....	73	306	10	30,375	416 10	1 36
7.....	63	306	10	40,291	485 43	1 59
8.....	13	306	10	6,209	477 63	1 56
9.....	39	306	10	18,200	466 67	1 53
10.....	25	306	10	12,444	497 76	1 63
11.....	30	306	10	11,515	383 87	1 26
12.....	265	306	10	120,000	451 13	1 47
13.....	22	306	10	14,400	654 55	2 14
14.....	125	304	10	56,323	450 62	1 48
15.....	14	300	10	6,300	450 00	1 50
	863	306	.....	\$393,843	\$450 53	\$1 47

Lithographing.

1.....	127	313	9	\$76,550	\$602 76	\$1 93
2.....	61	306	9	48,630	797 21	2 61
3.....	67	306	10	23,063	493 47	1 61
	255	306	.....	\$158,243	\$620 56	\$2 01

Liquors.

1.....	68	365	9	\$52,500	\$772 00	\$3 12
2.....	58	365	8-9	34,500	594 63	1 63
3.....	25	313	9	18,780	751 30	2 40
4.....	63	313	10	41,518	500 23	1 60
5.....	37	313	9 ¹ / ₂	18,970	513 70	1 64
6.....	68	310	10	36,580	541 63	1 75
7.....	38	306	9-10	26,500	697 85	2 38
8.....	10	306	8	6,624	663 40	2 16
9.....	30	306	9-10	18,441	614 70	2 01
10.....	39	306	10	11,574	399 10	1 50
11.....	30	306	8-10	30,000	1,000 00	3 27
12.....	68	306	8-9	39,339	578 37	1 89
13.....	39	300	10	30,000	769 22	2 23
	583	317	.....	\$365,566	627 04	\$1 97

Machines and Machinery.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	20	353	8	\$11,000	\$550 00	\$1 56
2.....	34	314	10	24,929	733 21	2 34
3.....	24	312	10	10,889	452 88	1 45
4.....	30	310	10	14,000	466 67	1 51
5.....	21	307	9	6,000	285 71	1 93
6.....	93	307	9	55,000	591 40	1 93
7.....	24	306	10	13,628	567 83	1 86
8.....	50	306	10	18,000	360 00	1 18
9.....	254	306	10	129,000	507 87	1 66
10.....	69	306	10	36,000	521 74	1 71
11.....	24	306	10	11,300	470 83	1 54
12.....	37	306	9	15,949	431 05	1 41
13.....	42	306	10	24,000	571 43	1 87
14.....	27	306	10	15,000	555 56	1 82
15.....	89	306	10	28,120	315 95	1 03
16.....	67	306	9	43,373	647 36	2 12
17.....	66	306	10	30,100	456 06	1 49
18.....	59	306	9	33,321	564 76	1 85
19.....	82	306	10	37,845	461 52	1 51
20.....	132	306	10	73,000	553 03	1 81
21.....	47	306	9 ^{1/2}	19,334	411 36	1 34
22.....	32	306	9 ^{1/2}	22,500	703 13	2 30
23.....	144	306	10	87,429	607 15	1 98
24.....	34	306	10	18,000	529 41	1 73
25.....	26	306	9	15,237	586 04	1 92
26.....	133	306	10	40,000	300 75	1 08
27.....	60	306	10	34,670	577 33	1 89
28.....	17	305	10	11,000	647 06	2 12
29.....	54	305	10	33,415	618 80	2 03
30.....	10	305	10	5,300	530 00	1 74
31.....	26	304	10	14,620	562 31	1 85
32.....	55	303	10	31,188	567 05	1 87
33.....	16	303	9 ^{1/2}	10,154	634 62	2 09
34.....	63	302	10	28,249	448 40	1 48
35.....	33	301	9	19,436	598 97	1 96
36.....	52	300	9	28,100	540 38	1 80
37.....	31	300	10	15,000	483 87	1 61
38.....	30	300	10	14,000	466 67	1 56
39.....	174	300	10	78,000	448 28	1 49
40.....	59	300	10	42,200	715 25	2 38
41.....	283	300	10	128,033	452 41	1 51
42.....	21	300	9	16,231	772 90	2 58
43.....	35	300	10	17,580	502 29	1 67
44.....	311	298	10	167,532	538 69	1 81
45.....	31	294	10	12,034	388 19	1 32
46.....	29	290	10	14,215	490 17	1 69
47.....	20	281	10	12,000	600 00	2 14
48.....	13	267	10	10,000	769 23	2 88
49.....	123	220	10	77,735	631 99	2 87
50.....	202	210	10	135,583	671 20	3 20
	3,406	300	.....	\$1,759,209	\$525 00	\$1 75

Meats, Packed and Preserved.

1.....	33	300	10	\$16,794	\$524 81	\$1 46
2.....	79	330	10	45,634	577 53	1 75
3.....	5,420	313	10	2,844,323	524 78	1 68
4.....	33	306	10	18,101	548 52	1 79
5.....	1,801	306	10	733,936	407 53	1 33
6.....	30	306	12 ^{1/2}	20,550	656 00	2 24
7.....	26	306	10	17,451	623 25	2 04
8.....	30	306	10	14,020	467 33	1 53
9.....	38	306	7	16,000	421 06	1 34
10.....	23	270	12	13,000	590 91	2 19
	7,513	311	.....	\$3,739,828	\$497 78	\$1 60

Metals and Metallic Goods.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	22	260	12	\$14,000	\$608 70	\$1 74
2.....	120	309	10	71,560	596 32	1 92
3.....	26	306	10	11,247	422 68	1 40
4.....	23	306	10	7,777	338 12	1 10
5.....	101	306	9	60,000	594 86	1 98
6.....	44	306	10	33,800	768 18	2 51
7.....	182	306	10	78,564	421 67	1 41
8.....	26	306	10	12,500	500 00	1 63
9.....	24	306	10	7,000	291 67	96
10.....	9	306	10	8,000	868 89	2 90
11.....	30	306	10	11,000	366 67	1 20
12.....	27	306	10	15,650	579 63	1 89
13.....	52	306	10	21,324	410 08	1 34
14.....	30	306	10	15,594	519 80	1 69
15.....	18	306	10	9,309	517 17	1 69
16.....	47	306	9	20,000	426 53	1 39
17.....	25	306	10	9,000	360 00	1 18
18.....	22	306	10	9,500	431 52	1 41
19.....	27	306	10	10,000	370 37	1 21
20.....	78	306	10	30,000	384 63	1 26
21.....	28	306	10	21,080	554 21	1 82
22.....	115	300	10	35,000	304 26	1 01
23.....	60	300	10	45,000	750 00	2 50
24.....	14	300	9	9,000	642 86	2 14
25.....	46	289	10	15,933	354 07	1 18
26.....	41	288	10	17,819	424 61	1 46
27.....	994	290	10	560,672	564 06	1 96
28.....	36	290	10	26,000	722 22	2 49
29.....	167	223	10	54,000	332 26	1 14
30.....	156	282	10	62,855	406 52	1 44
31.....	16	280	10	5,000	322 22	1 19
32.....	32	277	10	14,440	437 68	1 58
33.....	80	240	12	30,000	375 00	1 56
34.....	55	200	10	19,000	345 45	1 72
35.....	10	170	10	6,900	690 00	4 06
	2,791	294	.....	\$1,378,504	\$498 91	\$1 68

Milling, Flour and Feed.

1.....	30	\$16	10	\$12,617	\$420 57	\$1 22
2.....	26	360	11-12	12,500	500 00	1 67
3.....	22	300	12	10,350	470 45	1 57
4.....	41	300	10-12	18,000	439 02	1 46
5.....	30	220	10	11,985	396 50	1 80
6.....	31	220	10-12	27,000	870 97	2 96
	179	276	.....	\$92,322	\$515 82	\$1 87

Millinery and Lace Goods.

1.....	154	306	9	\$65,277	\$424 52	\$1 29
2.....	31	306	9	8,000	192 55	63
3.....	55	306	10	18,000	327 27	1 07
4.....	26	303	9-10	22,000	864 62	2 92
5.....	49	228	8-9	20,632	422 04	1 77
	315	292	.....	\$123,069	\$422 41	\$1 45

Table No. 49—Continued.

Models, Patterns, Etc.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	51	308	10	\$29,069	\$569 98	\$1 85
2.....	64	308	10	85,000	546 87	1 79
3.....	15	300	9	13,447	896 47	2 99
	130	305	.....	\$77,516	\$596 28	\$1 96

Musical Instruments.

1.....	47	315	10	\$34,222	\$515 86	\$1 64
2.....	26	308	10	15,756	806 00	1 92
3.....	314	308	10	180,000	573 25	1 87
4.....	34	308	10	14,818	421 12	1 35
5.....	31	308	9	19,512	639 13	2 09
6.....	285	308	10 ^{1/2}	104,406	393 98	1 29
7.....	186	308	10	79,400	429 19	1 40
8.....	208	308	10	123,802	536 20	1 96
9.....	108	308	10	57,866	536 70	1 75
10.....	73	300	10	87,628	515 45	1 72
11.....	170	300	10	78,000	458 82	1 53
12.....	225	300	9	155,150	699 66	2 30
13.....	60	300	10	38,000	633 33	2 11
14.....	55	275	10	29,505	536 45	1 95
	1,801	303	.....	\$667,855	\$531 95	\$1 76

Oils, Varnish, Etc.

1.....	24	308	10	\$12,480	\$520 00	\$1 68
2.....	24	308	10	9,168	383 00	\$1 25
3.....	42	220	12	30,000	714 29	3 25
4.....	67	94	10	6,500	97 02	1 08
	157	232	.....	\$58,148	\$370 37	\$1 60

Paper Goods and Boxes.

1.....	47	309	10	\$12,142	\$279 62	\$0 90
2.....	29	306	9-10	6,740	234 41	77
3.....	65	306	9-10	32,942	508 82	1 66
4.....	30	306	10	5,000	166 67	54
5.....	75	306	*12	40,000	533 33	1 74
6.....	78	306	10	16,493	211 45	69
7.....	314	300	10	101,740	324 01	1 08
8.....	24	300	9	4,750	197 92	66
9.....	10	300	9	1,806	180 60	60
10.....	46	230	9	16,000	347 83	1 20
11.....	23	281	12	12,275	371 98	1 32
12.....	53	262	*12	34,006	409 71	1 56
13.....	68	214	*12	30,718	451 74	2 11
	902	291	.....	\$315,513	\$349 90	\$1 20

* These establishments worked two shifts of 12 hours each per day.

Table No. 49—Continued.

Paving and Paving Materials.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	27	320	10	\$15,043	\$557 15	\$1 74
2.....	40	306	10	19,000	475 00	1 55
3.....	19	360	10	1,704	89 68	30
4.....	27	270	10	24,000	888 89	3 29
5.....	12	250	10	7,000	583 33	2 33
6.....	15	235	9	8,400	560 00	2 38
7.....	30	230	10	7,800	260 00	1 13
8.....	35	305	10	9,196	262 74	1 28
9.....	74	195	9	33,200	448 65	2 30
10.....	10	180	9	9,465	946 50	5 28
11.....	61	169	10	13,954	228 75	1 35
12.....	29	160	10	7,076	244 00	1 52
13.....	24	160	10	7,500	312 50	1 96
	403	229	.....	\$163,338	\$405 31	\$1 77

Photography and Photo. Materials.

1.....	55	310	9	\$19,750	\$359 09	\$1 16
2.....	15	307	8	10,000	666 67	2 17
3.....	62	307	8	41,796	674 11	2 20
4.....	165	306	8-9	112,910	684 30	2 24
5.....	46	306	9	40,143	872 67	2 85
6.....	28	306	10	20,245	723 04	2 36
7.....	20	306	8	12,000	600 00	1 96
8.....	40	306	8 ² / ₃	29,009	700 22	2 29
9.....	20	306	8 ¹ / ₃	14,002	700 10	2 29
10.....	30	306	9	24,000	900 00	2 61
11.....	39	306	9	19,600	502 56	1 64
	520	307	.....	\$342,454	\$658 57	\$2 15

Pottery.

1.....	48	306	10	\$19,125	\$396 44	\$1 30
2.....	27	306	10	14,000	519 52	1 69
3.....	30	360	10	15,000	500 00	1 67
4.....	100	300	10	40,163	401 63	1 34
5.....	65	300	10	25,500	392 31	1 31
6.....	33	300	10	14,980	453 94	1 51
7.....	276	300	9	7,000	304 35	1 01
8.....	93	156	10	31,457	338 25	2 17
	672	284	.....	\$167,225	\$248 85	\$0 88

Table No. 49—Continued.

Printing, Publishing and Bookbinding.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	37	300	8	\$17,040	\$460 54	\$1 28
2.....	35	313	9	28,000	800 00	2 56
3.....	54	313	10	17,400	322 22	1 08
4.....	35	313	9	15,000	438 57	1 37
5.....	8	312	8	4,164	530 50	1 67
6.....	24	312	10	8,250	343 75	1 10
7.....	18	313	9	13,520	751 11	2 41
8.....	105	311	9	89,500	853 38	2 74
9.....	60	310	9	12,000	200 00	65
10.....	58	308	9	30,000	517 24	1 68
11.....	86	307	9	40,352	469 21	1 53
12.....	90	307	9	42,853	476 14	1 55
13.....	132	307	10	80,000	439 56	1 43
14.....	122	307	9	61,077	500 63	1 63
15.....	42	306	9	24,822	591 00	1 93
16.....	44	306	8-10	30,000	681 62	2 22
17.....	250	306	9	162,778	651 11	2 13
18.....	34	306	9	74,444	836 24	2 80
19.....	23	306	10	7,928	360 36	1 13
20.....	44	306	9	23,352	530 73	1 73
21.....	60	306	9	35,941	599 02	1 96
22.....	40	306	9	27,147	678 67	2 22
23.....	44	306	9	25,000	568 18	1 86
24.....	25	306	9	11,539	461 56	1 51
25.....	21	306	9	10,135	432 62	1 55
26.....	70	306	9	17,000	242 86	79
27.....	50	306	9	32,000	640 00	2 09
28.....	35	306	9	20,500	585 71	1 91
29.....	79	306	9	50,335	637 15	2 08
30.....	112	306	9	114,920	1,026 07	3 35
31.....	15	306	9	5,633	375 53	1 23
32.....	58	306	9	30,957	533 74	1 74
33.....	33	306	9	16,833	510 09	1 67
34.....	79	306	9-10	30,436	385 27	1 26
35.....	159	306	9	108,437	573 74	1 87
36.....	20	306	9	3,600	180 00	59
37.....	50	306	9	25,000	500 00	1 63
38.....	37	306	9	18,652	504 11	1 65
39.....	91	306	9	46,878	515 14	1 68
40.....	40	306	9	20,000	500 00	1 53
41.....	31	306	9	21,000	677 42	2 21
42.....	55	306	8	20,000	363 64	1 19
43.....	67	306	9	48,422	722 72	2 36
44.....	50	306	10	25,000	500 00	1 64
45.....	16	306	10	6,510	406 87	1 33
46.....	29	305	9	12,147	418 86	1 37
47.....	245	304	9-10	104,000	424 49	1 40
48.....	17	300	9	12,000	705 88	2 35
49.....	19	300	8	9,600	506 26	1 68
50.....	39	300	9	19,899	510 23	1 70
51.....	28	300	9	11,275	402 68	1 34
52.....	71	300	9	45,000	633 80	2 11
53.....	26	290	9	19,000	780 77	2 53
3,241		307	.....	\$1,787,276	\$551 46	\$1 80

Table No. 49—Continued.

Railroad Construction and Equipment.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	323	365	10	\$144,598	\$447 67	\$1 33
2.....	139	365	10	59,283	436 50	1 17
3.....	208	365	9	48,398	333 20	1 04
4.....	192	330	10	111,890	582 76	1 77
5.....	140	312	10	72,780	519 86	1 66
6.....	955	312	10	494,870	518 19	1 66
7.....	197	312	10	107,555	545 96	1 74
8.....	38	312	10	15,978	430 47	1 34
9.....	460	312	9	256,961	558 61	1 78
10.....	40	312	10	19,766	494 15	1 58
11.....	362	312	10	211,671	584 45	1 89
12.....	77	310	10	41,986	545 27	1 76
13.....	372	308	9	184,305	496 44	1 60
14.....	66	308	10	35,535	539 41	1 76
15.....	87	308	10	47,079	541 14	1 77
16.....	36	308	10	19,063	529 53	1 73
17.....	106	308	10	55,465	532 25	1 71
18.....	1,753	308	9-10	995,460	567 86	1 86
19.....	145	308	10	85,266	584 01	1 91
20.....	32	308	10	15,870	496 94	1 63
21.....	19	308	10	13,951	734 26	2 40
22.....	420	308	10	199,922	476 00	1 59
23.....	272	308	10	130,284	478 99	1 27
24.....	102	306	9	49,722	487 47	1 59
25.....	341	306	10	140,926	413 27	1 35
26.....	196	306	8	83,835	432 41	1 38
27.....	399	306	8	198,919	496 54	1 63
28.....	48	306	9	32,186	670 54	2 19
29.....	157	306	10	83,278	530 43	1 73
30.....	159	306	10	86,989	547 10	1 79
31.....	71	306	9	40,952	576 79	1 99
32.....	2,028	306	10	1,273,243	627 93	2 05
33.....	18	306	10	11,979	665 50	2 19
34.....	925	304	10	552,315	597 10	1 95
35.....	109	257	9	51,480	472 29	1 77
36.....	969	257	10	368,081	432 57	1 65
37.....	318	257	10	147,550	463 90	1 81
	12,132	300	.....	\$6,489,291	\$632 70	\$1 73

Roofing and Roofing Material.

1.....	104	309	8	\$86,000	\$817 31	\$3 64
2.....	60	308	8	20,980	347 67	1 14
3.....	30	300	8	16,000	532 33	1 78
4.....	28	300	8	5,300	189 29	1 63
5.....	28	300	8	12,000	484 29	1 55
6.....	12	275	8	7,040	541 54	1 97
7.....	15	175	8	7,227	481 80	2 75
	278	281	.....	\$154,437	\$655 49	\$1 98

Stone, Cut and Monumental.

1.....	69	307	10	\$95,116	\$942 71	\$3 07
2.....	41	306	10	18,200	442 90	1 45
3.....	31	300	8-10	15,742	597 80	1 69
4.....	10	300	8	6,303	620 30	2 07
5.....	3	300	9	2,500	832 23	2 78
6.....	30	270	8-10	21,000	700 00	2 59
7.....	49	240	8	62,000	1,265 80	5 27
8.....	32	208	10	11,108	347 06	1 67
9.....	31	183	10	11,115	358 55	1 96
	296	268	.....	\$212,982	\$719 54	\$2 68

Table No. 49—Continued.

Stone, Quarried.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	30	286	10	\$9,647	\$321 57	\$1 05
2.....	8	306	8	4,951	623 63	2 08
	38	306	.....	\$14,628	\$384 95	\$1 26

Stoves and Castings.

1.....	294	300	9	\$145,049	\$493 36	\$1 64
2.....	51	300	10	21,540	422 35	1 41
3.....	34	300	10	15,383	451 52	1 51
4.....	18	280	10	7,656	426 32	1 47
5.....	16	289	9 ¹ / ₂	3,550	221 57	79
6.....	79	270	10	40,989	518 59	1 92
7.....	26	265	9	19,200	728 46	2 79
8.....	114	251	10	72,487	625 32	2 53
9.....	334	247	10	141,229	426 59	1 76
10.....	57	225	10	31,252	548 38	2 44
11.....	82	215	7-10	42,215	514 52	2 39
	1,085	268	.....	\$540,448	\$498 56	\$1 84

Surgical Instruments.

2.....	69	306	10	\$40,281	\$593 78	\$1 91
2.....	59	280	10	31,876	581 80	1 90
3.....	41	280	10	12,938	237 51	1 30
	169	283	.....	\$85,095	\$506 89	\$1 79

Tin and Copper Smithing.

1.....	34	306	10	\$14,220	\$418 53	\$1 37
2.....	90	306	9	60,000	666 67	2 18
3.....	28	305	10	11,000	392 86	1 29
4.....	40	300	10	8,000	200 00	67
5.....	18	300	10	7,536	418 67	1 40
6.....	30	300	8	10,500	250 00	1 17
7.....	63	280	10	10,500	325 40	1 12
	303	301	.....	\$131,766	\$424 87	\$1 44

Wire Goods.

1.....	66	313	10	\$14,671	\$322 29	\$0 71
2.....	65	307	9 ¹ / ₂	27,000	415 38	1 35
3.....	46	300	10	17,300	376 08	1 25
4.....	35	300	10	13,000	371 43	1 24
	212	305	.....	\$71,971	\$339 49	\$1 11

Table No. 49—Concluded.

Wooden Ware

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	22	306	10	\$12,001	\$545 60	\$1 46
2.....	38	300	9-10	15,307	422 43	1 41
3.....	68	265	9	15,000	220 69	83
4.....	20	260	10	5,073	253 60	98
5.....	21	211	10	12,651	650 05	3 02
	167	269	.....	\$60,981	\$264 86	\$1 36

Woolen and Cotton Goods.

1.....	28	306	10	\$14,500	\$517 96	\$1 69
2.....	319	306	10	100,000	\$15 48	1 02
3.....	344	306	9 ¹ / ₂	95,227	294 27	96
4.....	30	305	10	11,000	366 67	1 20
5.....	70	300	10	30,000	428 57	1 43
6.....	30	300	10	9,860	\$12 00	1 04
	811	304	.....	\$363,147	\$324 47	\$1 07

TABLE No. 50—Recapitulation, Table No. 49.

INDUSTRY.	Number of establishments.	Average number employed.	Total days in operation.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
Agricultural.....	29	2,912	8,291	\$1,440,638	\$494 72	\$1 76
Awnings, etc.....	4	285	1,169	126,969	329 63	1 13
Bakery products.....	5	271	1,541	123,677	493 64	1 61
Bicycles.....	4	299	1,083	144,323	482 72	1 78
Boots and shoes.....	7	1,076	1,999	490,595	455 94	1 59
Boxes, barrels.....	30	3,002	8,128	1,066,244	355 18	1 28
Brick, tile.....	26	1,271	5,063	549,547	423 27	1 98
Broom, etc.....	2	75	428	17,064	227 52	86
Building material.....	39	1,912	11,099	893,178	467 14	1 64
Burial cases.....	4	254	1,186	163,109	467 06	1 57
Buttons, etc.....	4	206	1,079	63,690	309 12	1 14
Carriages, etc.....	20	1,253	5,698	580,714	463 46	1 63
Cigars, etc.....	19	726	5,531	331,125	456 11	1 57
Clothing.....	45	3,047	12,057	1,384,193	454 21	1 57
Confectionery.....	6	456	1,742	123,227	281 20	97
Drugs, etc.....	6	255	1,849	89,269	350 07	1 14
Electrical apparatus.....	4	3,383	1,220	1,632,614	479 64	1 57
Elec. light, power and gas..	7	369	2,431	191,628	533 78	1 55
Fancy articles.....	6	252	1,781	82,562	327 63	1 10
Fertilisers.....	4	126	1,253	75,793	557 29	1 78

Table No. 50—Concluded.

INDUSTRY.	Number of establish- ments.	Average number employed.	Total days in operation.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
Food preparations.....	29	1,789	6,534	\$518,107	\$289 60	\$1 29
Furniture	53	2,542	15,624	1,614,418	455 79	1 53
Furnishing goods.....	10	1,006	3,054	247,678	245 60	1 13
Glass	7	1,115	1,955	609,621	546 75	1 96
Hats, caps, etc.....	4	371	1,209	100,913	372 37	1 33
Hosiery, etc.....	3	632	836	300,041	353 76	1 27
Iron and steel.....	28	6,139	8,108	2,946,260	642 82	2 22
Iron, structural.....	9	808	2,780	474,080	536 71	1 94
Jewelry.....	7	318	2,066	206,115	648 16	2 18
Leather goods	15	852	4,589	382,843	450 52	1 47
Lithographing	3	255	925	153,243	620 55	2 01
Liquors.....	13	583	4,115	365,566	637 04	1 97
Machines, etc	50	2,408	15,017	1,789,309	535 00	1 75
Meats.....	10	7,513	3,109	3,739,828	497 78	1 60
Metals, etc	35	2,791	10,233	1,378,504	493 31	1 68
Milling, etc.....	6	179	1,656	92,332	515 82	1 87
Millinery	5	315	1,459	133,059	422 41	1 45
Models, etc	3	130	914	77,516	596 28	1 96
Musical instruments	14	1,801	4,240	957,855	531 85	1 76
Oils, varnish	4	157	929	58,148	370 37	1 60
Paper goods.....	13	902	3,786	315,612	349 90	1 30
Paving, etc.....	13	408	2,980	163,338	405 31	1 77
Photography	11	520	3,372	343,454	658 57	2 15
Pottery	8	672	2,268	167,225	248 85	86
Printing, etc	53	3,241	16,275	1,787,276	551 46	1 80
Railroad construction	37	12,182	11,436	6,489,291	532 70	1 72
Roofing and materials.....	7	378	1,965	154,427	555 49	1 93
Stone, cut, etc	9	296	2,414	212,983	719 54	2 68
Stone, quarried	3	38	612	14,638	384 95	1 26
Stoves and castings.....	11	1,095	2,943	540,448	493 56	1 84
Surgical instruments	3	169	846	85,495	505 89	1 79
Tin and copper	7	303	2,107	131,766	434 87	1 44
Wire goods.....	4	312	1,220	71,971	339 49	1 11
Wooden ware	5	167	1,345	60,931	364 86	1 36
Woolen goods.....	6	811	1,823	263,147	324 47	1 07
	787	76,513	220,973	\$37,547,960	\$490 73	\$1 70
Average			288			

TABLE NO. 51—*The Average Number Employed, Both Sexes, Working Time and Earnings, All Industries.**Agricultural Implements.*

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	445	320	10	\$213,500	\$479 78	\$1 50
2.....	75	313	10	37,600	501 33	1 61
3.....	50	311	10	23,045	480 90	1 48
4.....	66	306	10	20,885	316 14	1 08
5.....	77	306	10	31,239	405 70	1 32
6.....	13	306	10	7,286	556 61	1 62
7.....	142	304	10	59,500	419 01	1 37
8.....	37	306	10	16,147	436 41	1 43
9.....	23	306	10	10,077	438 13	1 43
10.....	153	306	10	74,799	488 66	1 63
11.....	68	306	10	33,253	489 00	1 60
12.....	219	306	10	137,397	627 38	2 06
13.....	88	300	10	33,797	384 06	1 28
14.....	456	300	10	232,339	509 52	1 70
15.....	23	300	10	11,300	491 30	1 64
16.....	42	299	10	20,870	496 90	1 66
17.....	115	291	10	63,221	549 75	1 89
18.....	51	290	10	23,485	460 49	1 59
19.....	26	288	10	14,500	550 00	2 01
20.....	157	286	9-10	81,970	523 10	1 83
21.....	55	281	8-10	29,397	534 49	1 90
22.....	88	279	10	46,809	531 92	1 91
23.....	88	278	10	36,263	412 07	1 48
24.....	45	260	10	25,000	556 55	2 14
25.....	24	252	10	10,069	419 54	1 66
26.....	235	233	10	91,417	389 01	1 67
27.....	34	316	10	21,397	629 22	2 91
28.....	72	180	10	35,513	493 22	2 74
29.....	80	170	10	18,000	.....	.....
	3,045	283	....	\$1,460,002	\$479 48	\$1 69

Awnings, Tents, Etc.

1.....	105	307	10	\$40,000	\$390 95	\$1 24
2.....	32	306	10	14,500	453 12	1 48
3.....	50	306	10	15,000	300 00	98
4.....	124	165	10	39,240	316 45	1 92
	311	271	.....	\$108,740	\$349 65	\$1 29

Bakery Products.

1.....	49	313	10	\$38,899	\$793 86	\$2 54
2.....	80	308	10	32,100	401 25	1 30
3.....	76	308	10	48,323	635 63	2 06
4.....	39	306	8	28,500	730 77	2 39
5.....	63	300	10	6,000	95 24	32
	307	307	.....	\$153,822	\$601 05	\$1 67

Table No. 51—Continued.

Bicycles and Tricycles.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average yearly earnings.
1.....	163	306	10	\$76,254	\$470 70	\$1 54
2.....	21	300	10	9,162	486 29	1 45
3.....	78	300	10	42,000	538 45	1 79
4.....	7	302	9-10	8,000	428 57	2 12
	269	277	.....	\$130,416	\$486 63	\$1 76

Boots and Shoes.

1.....	21	310	10	\$12,000	\$571 43	\$1 84
2.....	228	306	9-10	83,043	364 22	1 19
3.....	19	300	9	11,838	622 53	2 08
4.....	118	300	10	74,652	622 64	2 11
5.....	233	300	10	203,463	611 00	2 04
6.....	276	279	10	108,049	391 45	1 40
7.....	50	220	9-10	21,680	423 60	1 97
	1,045	288	.....	\$514,715	\$492 55	\$1 71

Boxes, Barrels, Kegs, Etc.

1.....	24	311	10	\$5,200	\$341 67	\$1 10
2.....	137	307	10	62,678	457 80	1 49
3.....	306	307	9-10	142,868	468 42	1 53
4.....	85	306	9	25,000	454 55	1 49
5.....	112	304	10	29,000	258 93	1 85
6.....	68	301	10	23,469	358 59	1 18
7.....	65	301	10	23,457	380 88	1 30
8.....	64	300	10	20,000	312 80	1 04
9.....	24	300	9	14,762	615 08	2 05
10.....	40	300	10	20,000	500 00	1 67
11.....	172	300	10	70,000	408 98	1 36
12.....	84	300	10	31,572	375 86	1 25
13.....	57	300	8	17,000	298 25	1 09
14.....	492	300	10	116,000	226 77	1 79
15.....	48	296	10	23,875	497 40	1 69
16.....	577	291	10	203,274	352 29	1 21
17.....	172	288	10	46,738	271 73	1 94
18.....	16	286	10	5,392	337 00	1 18
19.....	179	283	10	71,760	400 89	1 42
20.....	47	280	10	22,558	479 96	1 71
21.....	79	280	10	27,000	341 77	1 22
22.....	45	270	10	18,180	404 00	1 50
23.....	94	260	10	25,254	269 72	1 04
24.....	29	245	10	15,000	517 24	2 11
25.....	93	242	10	41,600	447 31	1 85
26.....	20	228	10	4,346	217 30	1 96
27.....	57	225	10	27,000	473 68	2 11
27.....	22	200	10	6,000	272 78	1 36
29.....	75	200	10	25,000	333 33	1 67
30.....	*10	40	10	2,358	238 80	5 97
	3,250	270	.....	\$1,167,063	\$359 10	\$1 33

* Not included in totals or averages.

Table No. 51—Continued.

Brick, Tile and Sewer Pipe.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	63	308	10 ¹ / ₂	\$25,030	\$397 38	\$1 29
2.....	296	308	10	184,401	622 98	2 84
3.....	10	308	10	4,831	432 10	1 68
4.....	150	308	10	64,000	426 66	1 89
5.....	42	308	9-10	12,840	305 71	1 01
6.....	99	300	10	51,293	518 11	1 78
7.....	43	280	10	15,860	368 84	1 33
8.....	25	275	10	5,500	220 00	60
9.....	30	270	10	9,565	318 83	1 18
10.....	41	250	9-10	18,433	449 59	1 60
11.....	69	225	10	30,000	434 78	1 66
12.....	85	225	9	33,976	399 72	1 78
13.....	54	225	8	55,458	1,027 00	6 66
14.....	30	220	10	11,300	565 00	2 57
15.....	13	212	10	3,426	263 54	1 34
16.....	29	208	10	10,563	364 24	1 62
17.....	33	200	10	10,000	303 02	1 53
18.....	9	190	10	3,500	388 66	2 05
19.....	31	176	10	11,576	373 42	2 13
20.....	40	170	10	16,580	414 50	2 44
21.....	23	168	10	4,162	180 96	1 08
22.....	61	167	10	26,583	435 79	2 61
23.....	44	155	9	19,976	454 00	2 92
24.....	41	135	8	26,516	645 73	4 79
25.....	29	125	10	4,500	155 17	1 24
26.....	31	100	10	5,800	187 10	1 87
	1,411	223	.....	\$665,669	\$471 77	\$3 12

Brooms and Brushes.

1.....	50	298	9	\$15,000	\$300 00	\$1 01
2.....	28	246	10	9,296	244 63	99
	78	272	.....	\$24,296	\$376 09	\$1 02

Table No. 51—Continued.

Building Material, Wood.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	33	312	10	\$13,854	\$419 82	\$1 25
2.....	30	307	8	15,274	509 13	1 66
3.....	25	306	10	14,617	584 68	1 91
4.....	45	306	9	35,000	777 78	2 54
5.....	77	306	10	40,000	519 48	1 69
6.....	47	306	10	13,015	276 91	1 99
7.....	62	306	9	35,938	579 61	1 89
8.....	123	306	9	58,139	472 67	1 54
9.....	36	306	10	11,000	305 56	1 00
10.....	19	306	10	8,161	429 53	1 40
11.....	36	306	10	17,299	480 53	1 57
12.....	19	306	9	9,485	499 21	1 63
13.....	25	306	9	12,000	480 00	1 57
14.....	214	306	10	85,000	397 20	1 30
15.....	109	306	9	44,698	410 07	1 34
16.....	101	303	10	44,613	441 71	1 45
17.....	30	302	10	19,740	658 00	2 19
18.....	19	300	9	12,990	683 68	2 23
19.....	45	300	10	20,000	444 44	1 48
20.....	57	300	9	30,103	528 12	1 76
21.....	22	300	10	13,000	565 22	1 88
22.....	80	300	9	50,000	625 00	2 08
23.....	65	300	9	35,000	538 46	1 79
24.....	25	300	9	12,500	500 00	1 67
25.....	38	300	10	21,101	586 14	1 95
26.....	38	296	9 ¹	18,782	494 26	1 66
27.....	37	296	10	22,307	602 89	2 04
28.....	68	296	9	39,203	576 51	1 95
29.....	32	296	10	18,000	545 45	1 85
30.....	26	291	9	16,300	626 92	2 15
31.....	57	288	9	30,028	526 81	1 82
32.....	15	280	9	11,000	733 33	2 62
33.....	252	276	10	114,568	404 83	1 49
34.....	32	275	9	15,000	454 55	1 65
35.....	23	275	8	13,500	482 14	1 75
36.....	35	270	10	12,137	433 46	1 61
37.....	10	241	8	5,876	587 60	2 44
38.....	212	202	11	107,579	505 07	2 50
39.....	5	200	10	1,000	200 00	1 00
	2,262	292	.....	\$1,097,805	\$496 32	\$1 66

Burial Cases, Coffins, Etc.

1.....	151	306	10	\$87,885	\$582 02	\$1 90
2.....	50	300	10	17,446	248 92	1 18
3.....	98	300	9-10	30,000	312 50	1 04
4.....	92	284	10	37,000	402 17	1 34
	389	298	.....	\$172,331	\$443 01	\$1 49

Buttons and Dress Trimmings.

1.....	72	300	10	\$17,561	\$240 56	\$0 80
2.....	22	300	10	10,000	434 78	1 45
3.....	114	299	10	39,194	343 81	1 15
4.....	8	210	10	1,600	200 00	1 95
	216	277	.....	\$68,355	\$312 56	\$1 12

Table No. 51—Continued.

Carriages and Wagons.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	94	224	10	\$50,540	\$537 08	\$1 61
2.....	22	210	10	9,578	425 25	1 40
3.....	57	306	10	24,408	425 51	1 29
4.....	98	306	18	38,900	442 05	1 44
5.....	29	306	8-10	24,000	537 57	2 10
6.....	48	306	10	29,818	441 70	1 44
7.....	90	306	9	45,500	505 55	1 65
8.....	150	306	10	90,000	600 00	1 96
9.....	102	306	8	46,749	458 53	1 50
10.....	198	306	8-10	88,805	477 45	1 48
11.....	30	306	9	11,573	385 77	1 26
12.....	71	306	10	35,000	492 94	1 61
13.....	41	202	10	20,043	468 85	1 63
14.....	41	280	10	16,106	392 58	1 31
15.....	25	228	10	10,908	436 12	1 46
16.....	38	228	10	22,000	611 11	2 00
17.....	104	280	10	45,000	452 69	1 49
18.....	28	280	10	11,800	513 89	1 12
19.....	80	245	10	47,157	785 85	2 21
20.....	89	280	10	38,000	428 97	1 86
	1,397	297	.....	\$396,880	\$496 12	\$1 68

Cigars and Tobacco.

1.....	58	310	8	\$26,080	\$454 29	\$1 51
2.....	60	306	8	25,000	416 67	1 36
3.....	18	306	8	7,100	394 44	1 29
4.....	50	306	9	22,300	444 00	1 45
5.....	27	306	9	9,500	351 85	1 15
6.....	30	306	8	21,000	700 00	2 29
7.....	19	306	9	6,013	316 47	1 08
8.....	27	306	8	15,000	555 55	1 82
9.....	40	300	9	10,987	371 67	91
10.....	28	300	8	17,391	621 11	2 07
11.....	31	300	9-1	12,940	414 19	1 38
12.....	38	296	8	19,200	505 26	1 71
13.....	28	296	9-1	7,399	279 23	96
14.....	38	296	9	12,328	325 28	1 21
15.....	128	232	8	45,995	337 45	1 15
16.....	100	230	8-9	66,000	660 00	2 29
17.....	21	250	8	7,517	353 19	1 26
18.....	68	275	10	19,570	287 79	1 05
19.....	49	275	8	26,396	539 69	1 96
	860	297	.....	\$377,575	\$439 04	\$1 48

Table No. 51—Continued.

Clothing.

Number of Establishments.	Average number employed.	Days in operation.	Work- ing hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	92	212	9	\$ 34,000	\$359 57	\$1 18
2.....	19	306	10	16,711	879 53	2 87
3.....	130	306	9	44,366	341 28	1 12
4.....	72	306	9	20,000	273 97	90
5.....	68	306	9	19,000	279 41	91
6.....	328	306	8-9	285,000	868 90	2 84
7.....	43	306	9	9,500	220 92	72
8.....	48	306	10	14,740	307 08	1 00
9.....	12	306	10	3,600	300 00	98
10.....	80	306	9	43,000	537 50	1 76
11.....	38	306	9	28,600	752 62	2 46
12.....	50	306	10	14,500	290 00	96
13.....	40	306	9	9,100	237 50	74
14.....	30	306	9	12,990	433 00	1 42
15.....	22	306	10	9,000	469 09	1 34
16.....	94	306	10	7,522	231 24	72
17.....	70	306	10	11,500	164 29	54
18.....	22	306	9	6,000	272 72	89
19.....	60	306	8	35,132	585 53	1 91
20.....	44	306	10	15,000	346 91	1 11
21.....	33	306	10	13,200	400 00	1 21
22.....	57	306	8	33,400	585 97	1 91
23.....	57	306	9	19,528	342 60	1 12
24.....	30	306	9	10,000	333 33	1 09
25.....	34	306	9	15,508	456 12	1 49
26.....	39	306	9	13,880	407 18	1 22
27.....	288	304	8	160,000	555 56	1 82
28.....	68	306	10	13,271	195 16	64
29.....	57	304	8	39,475	692 54	2 28
30.....	33	302	9	14,025	435 00	1 41
31.....	62	302	10	18,429	220 74	74
32.....	91	300	9-9	21,000	339 77	77
33.....	62	300	9	26,000	415 35	1 40
34.....	37	300	10	11,250	304 05	1 01
35.....	28	300	10	11,400	392 98	1 21
36.....	96	300	9	20,000	210 53	70
37.....	39	290	8	5,000	128 21	44
38.....	15	290	10	1,920	128 00	44
39.....	122	290	8-9-9	66,875	548 16	1 89
40.....	350	280	9	245,000	700 00	2 50
41.....	37	275	9	12,000	324 32	1 18
42.....	20	270	10	7,560	378 00	1 40
43.....	90	256	9	28,800	320 00	1 25
44.....	58	241	10	7,809	134 44	56
45.....	45	200	9	20,000	444 44	2 22
3,170		297	.....	\$1,474,191	\$465 04	\$1 57

Confectionery.

1.....	48	306	9	\$22,524	\$489 25	\$1 53
2.....	36	306	10	18,000	500 00	1 63
3.....	164	304	10	27,192	165 81	55
4.....	37	303	9-9	7,122	192 49	64
5.....	29	300	9	5,200	179 31	30
6.....	194	246	10	65,000	235 05	1 36
508		294	.....	\$145,089	\$235 51	\$0 97

Table No. 51—Continued.

Drugs and Medicines.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	80	313	10	\$38,000	\$325 00	\$1 04
2.....	25	309	9	9,600	384 00	1 24
3.....	81	308	9	35,371	436 68	1 42
4.....	40	306	10	15,733	393 33	1 29
5.....	30	306	10	10,316	343 87	1 12
6.....	14	306	8	8,060	575 71	1 88
	270	308	.....	\$105,080	\$389 18	\$1 26

Electric Apparatus, Etc.

1.....	79	308	10	\$40,600	\$513 92	\$1 68
2.....	85	306	10	25,000	294 12	1 96
3.....	2,796	306	9	1,362,214	457 88	1 59
4.....	21	306	10	13,087	633 19	2 04
	2,980	306	.....	\$1,440,901	\$483 53	\$1 58

Electric Light, Power and Gas.

1.....	108	385	10	\$54,206	\$542 06	\$1 48
2.....	49	365	9-12	22,638	463 00	1 27
3.....	27	385	10-13	10,322	378 59	1 04
4.....	30	365	10	10,750	537 50	1 47
5.....	77	307	9	48,146	625 27	2 04
6.....	70	299	9	44,676	638 23	2 13
7.....	26	214	10	18,111	696 58	3 26
	369	336	.....	\$208,749	\$565 72	\$1 74

Fancy Articles.

1.....	25	312	9	\$12,000	\$480 00	\$1 54
2.....	91	306	7½-8	20,000	219 78	1 72
3.....	8	300	8-9	2,300	287 50	1 96
4.....	29	296	8	5,468	188 55	1 64
5.....	72	292	10	36,000	500 00	1 71
6.....	52	270	10	17,300	332 69	1 23
	277	296	.....	\$93,068	\$335 99	\$1 14

Table No. 51—Continued.

Fertilizers.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	59	365	10	\$24,503	\$384 78	\$1 60
2.....	24	360	10	12,753	531 33	1 48
3.....	21	306	10	9,532	456 76	1 49
4.....	23	294	10	19,575	598 18	2 02
	137	331	.....	\$76,431	\$657 81	\$1 69

Food Preparations.

1.....	61	365	10	\$18,127	\$297 16	\$0 81
2.....	81	365	10	30,000	370 37	1 01
3.....	43	365	10	22,494	546 37	1 50
4.....	86	350	10	29,145	338 99	97
5.....	78	312	10	29,361	402 21	1 29
6.....	141	312	10	69,657	494 02	4 58
7.....	151	310	7-10	67,655	448 06	1 45
8.....	30	309	10	16,632	554 07	1 79
9.....	30	306	10	16,815	560 50	1 83
10.....	39	306	10	15,180	389 23	1 27
11.....	23	306	10	6,900	300 00	98
12.....	59	306	10	25,000	423 73	1 38
13.....	25	306	9	8,798	350 72	1 15
14.....	26	306	10	42,300	473 08	1 56
15.....	90	306	10	40,971	455 23	1 49
16.....	19	301	8	7,592	399 58	1 23
17.....	40	300	10	19,800	495 00	1 65
18.....	25	280	10	8,619	344 76	1 23
19.....	43	210	10	9,860	229 07	1 09
20.....	8	180	12	1,300	162 50	90
21.....	*31	84	10	6,114	197 23	64
22.....	55	80	10	3,500	63 64	80
23.....	30	78	10	3,510	117 00	1 50
24.....	17	60	10	1,500	88 24	1 47
25.....	73	46	10	6,500	89 04	1 94
26.....	8	40	10	588	73 50	1 84
27.....	†86	40	10	26,000	230 70	96
28.....	90	20	10	3,000	33 33	1 67
29.....	45	20	10	750	16 67	83
	1,528	226	.....	\$507,618	\$322 21	\$1 47

* This establishment (fruit packing) employs an average of 10 persons. The days are for packing season only.

† This establishment (fruit packing) employs an average of 44 persons the year round. The days are for packing season only.

Table No. 51—Continued.

Furniture.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	57	352	10	\$23,000	\$403 51	\$1 15
2.....	20	313	10	13,000	650 00	2 08
3.....	206	309	10	67,010	325 29	1 05
4.....	52	306	10	15,000	288 46	94
5.....	30	306	10	12,000	600 00	1 96
6.....	18	306	10	6,837	379 83	1 24
7.....	67	306	10	23,653	353 03	1 15
8.....	59	306	9	25,000	423 73	1 39
9.....	22	306	10	10,611	482 32	1 58
10.....	64	306	10	30,235	472 42	1 54
11.....	130	306	10	58,000	446 15	1 46
12.....	78	306	10	40,000	512 82	1 68
13.....	110	306	9	67,773	616 12	2 01
14.....	41	306	9	27,065	660 12	2 16
15.....	80	306	9	49,062	613 28	2 00
16.....	50	306	10	26,000	520 00	1 70
17.....	170	306	10	83,500	491 18	1 61
18.....	85	306	10	38,500	447 06	1 46
19.....	306	306	10	118,001	573 31	1 87
20.....	19	306	10	7,500	394 74	1 29
21.....	27	306	10	13,690	507 11	1 66
22.....	121	306	10	40,600	335 54	1 10
23.....	182	306	10	120,000	659 34	2 15
24.....	52	306	9	33,576	645 69	2 11
25.....	75	306	10	16,758	223 44	73
26.....	109	306	10	50,000	458 72	1 50
27.....	23	306	10	15,081	471 28	1 54
28.....	28	306	8	18,000	473 68	1 55
29.....	21	306	10	15,000	714 29	2 24
30.....	40	306	10	14,000	350 00	1 15
31.....	13	304	10	6,280	483 08	1 59
32.....	64	304	10	25,454	397 72	1 31
33.....	37	304	10	17,560	472 97	1 56
34.....	75	301	10	33,000	440 00	1 46
35.....	100	301	10	44,400	444 00	1 48
36.....	86	300	10	45,000	523 26	1 74
37.....	190	300	10	77,962	410 33	1 37
38.....	90	300	10	42,865	476 28	1 59
39.....	102	300	9-10	54,651	530 59	1 77
40.....	28	300	9	28,000	736 84	2 46
41.....	149	300	10	67,743	483 88	1 61
42.....	78	299	10	34,511	442 45	1 48
43.....	26	293	10	17,250	479 17	1 64
44.....	82	288	10	30,663	483 70	1 68
45.....	73	288	10	34,755	476 09	1 65
46.....	25	286	10	17,837	509 62	1 78
47.....	53	286	10	20,206	381 25	1 23
48.....	25	285	9	14,540	415 43	1 46
49.....	120	280	10	26,300	219 17	78
50.....	45	280	10	26,517	455 93	1 63
51.....	72	280	10	31,739	440 82	1 57
52.....	24	280	10	10,000	416 67	1 60
	2,840	301	.....	\$1,798,225	\$465 68	\$1 55

Table No. 51—Continued.

Furnishing Goods.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	35	313	8	\$8,085	\$221 29	\$0 74
2.....	126	307	9	49,808	366 20	1 19
3.....	34	307	9	12,449	366 15	1 19
4.....	80	306	9½	23,275	278 44	91
5.....	286	306	8½	104,604	365 75	1 20
6.....	60	308	8	8,000	123 33	44
7.....	122	306	8½	48,000	363 64	1 19
8.....	127	300	8	60,000	437 96	1 46
9.....	37	300	8½	11,700	316 22	1 06
10.....	163	300	9	41,703	255 63	86
	1,100	306	.....	\$366,629	\$323 30	\$1 09

Glass.

1.....	54	306	10	\$22,000	\$407 41	\$1 33
2.....	77	306	10	42,998	558 25	1 52
3.....	51	300	10	22,954	448 12	1 49
4.....	532	300	9	\$20,000	613 03	2 04
5.....	43	270	10	17,422	406 16	1 50
6.....	285	240	10	167,934	599 24	2 45
7.....	90	180	8-10	\$9,691	439 90	2 44
	1,122	272	.....	\$632,794	\$563 99	\$2 07

Hats, Caps, Gloves and Mittens.

1.....	95	306	9	\$25,000	\$263 16	\$0 86
2.....	94	306	8½	16,850	496 47	1 61
3.....	19	300	9½	8,100	426 33	1 42
4.....	160	280	10	62,000	387 50	1 34
	308	300	.....	\$111,950	\$363 57	\$1 21

Hosiery and Knit Goods.

1.....	228	313	10	\$86,000	\$380 53	\$1 22
2.....	47	306	10	21,000	446 81	1 46
3.....	441	298	10	155,357	352 28	1 18
	716	306	.....	\$262,357	\$367 45	\$1 20

Table No. 51—Continued.

Iron and Steel Forgings, Castings, Etc.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	300	365	12	\$ 144,757	\$482 53	\$1 32
2.....	75	312	10	32,600	434 67	1 39
3.....	165	306	9-10	110,645	670 57	2 19
4.....	86	306	10	58,467	679 85	2 22
5.....	27	306	10	15,750	583 33	1 91
6.....	478	306	10	290,000	606 69	1 98
7.....	16	306	10	15,086	943 87	3 08
8.....	2,550	306	8-12	1,886,249	739 71	2 43
9.....	24	306	10	12,488	530 33	1 70
10.....	53	306	10	27,700	522 64	1 71
11.....	43	305	10	19,311	449 09	1 47
12.....	29	302	10	18,492	637 66	2 11
13.....	165	301	10	77,000	486 67	1 55
14.....	71	300	9	36,691	516 77	1 72
15.....	23	300	10	23,500	734 37	3 45
16.....	231	300	10	90,000	389 61	1 30
17.....	150	300	10	100,000	666 67	2 23
18.....	22	300	8	15,735	715 23	2 38
19.....	31	296	9	27,000	570 97	3 92
20.....	62	290	10	43,266	697 84	2 41
21.....	50	290	10	23,805	476 10	1 64
22.....	56	290	10	30,096	537 43	1 85
23.....	66	287	10	34,152	517 45	1 80
24.....	195	284	10	115,708	598 37	2 09
25.....	145	275	9	52,000	368 62	1 30
26.....	28	274	10	11,000	393 86	1 43
27.....	1,302	267	12	859,022	659 77	3 47
28.....	140	240	10	59,383	424 16	1 77
	6,592	297	.....	\$4,239,303	\$641 67	\$2 16

Iron, Structural and Ornamental.

1.....	30	306	8	\$ 20,500	\$683 33	\$2 23
2.....	350	306	9 ¹⁻²	210,478	601 37	1 97
3.....	18	306	9	15,000	333 33	2 72
4.....	92	306	10	58,754	638 63	3 09
5.....	42	306	10	16,000	390 95	1 24
6.....	50	300	10	30,000	600 00	2 00
7.....	50	300	10	25,000	500 00	1 67
8.....	200	300	10	120,000	600 00	2 00
9.....	58	285	10	29,000	500 00	1 75
	890	302	.....	\$524,732	\$589 59	\$1 95

Jewelry and Watch Cases.

1.....	53	327	10	\$38,645	\$729 15	\$2 38
2.....	39	310	9	30,000	769 23	2 45
3.....	49	308	9	18,000	367 35	1 19
4.....	65	306	9	42,698	672 38	2 20
5.....	27	306	9	20,963	777 15	2 54
6.....	79	296	9	57,181	723 51	2 45
7.....	41	210	9 ¹⁻²	12,000	292 68	1 39
	353	295	.....	\$220,507	\$624 67	\$2 12

Table No. 51—Continued.

Leather and Leather Goods.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	15	313	10	\$6,796	\$453 07	\$1 45
2.....	73	308	10	32,570	446 16	1 45
3.....	67	306	10	25,875	386 19	1 26
4.....	31	308	10	12,000	387 10	1 27
5.....	20	306	9	10,654	532 70	1 74
6.....	76	308	10	40,954	538 87	1 76
7.....	41	308	9½	15,825	385 96	1 26
8.....	16	306	10	9,874	617 13	2 62
9.....	38	306	10	19,800	521 06	1 70
10.....	31	306	10	15,618	503 81	1 65
11.....	34	306	10	14,931	439 15	1 44
12.....	373	306	10	109,000	400 74	1 31
13.....	33	306	10	14,400	654 55	2 14
14.....	151	305	10	78,000	516 56	1 69
15.....	14	300	10	6,750	452 14	1 61
	901	306	.....	\$413,047	\$458 43	\$1 50

Lithographing and Engraving.

1.....	124	313	9	\$75,442	\$608 40	\$1 94
2.....	66	306	9	49,483	749 74	2 45
3.....	78	306	10	40,226	515 72	1 69
	268	306	.....	\$165,151	\$616 24	\$2 00

Liquors—Malt and Distilled.

1.....	63	365	8-9	\$38,000	\$612 90	\$1 68
2.....	70	365	9	55,000	786 71	2 15
3.....	46	313	9	21,964	477 26	1 52
4.....	92	313	9	45,970	499 67	1 60
5.....	26	313	9	22,720	873 86	2 79
6.....	68	306	10	39,975	587 87	1 92
7.....	38	366	8-10	28,000	736 84	2 41
8.....	11	306	8	7,526	684 18	2 24
9.....	30	306	9	20,222	674 07	2 20
10.....	30	306	9	12,695	421 50	1 38
11.....	30	306	8-10	30,000	1,000 00	3 27
12.....	71	206	8-9	44,529	627 17	2 05
13.....	39	300	8-10	38,000	974 36	3 25
	613	316	.....	\$404,541	\$659 94	\$2 09

Table No. 51—Continued.

Machines and Machinery.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	20	363	9	\$12,480	\$624 00	\$1 77
2.....	62	317	10	40,404	651 68	2 06
3.....	47	313	9	26,008	553 33	1 76
4.....	8	313	10	6,250	781 25	2 50
5.....	28	312	10	13,590	485 36	1 56
6.....	32	310	10	15,000	483 75	1 51
7.....	408	308	10	184,614	452 49	1 47
8.....	88	307	9	48,000	578 31	1 86
9.....	21	307	9	5,000	288 10	78
10.....	64	306	10	36,935	577 11	1 89
11.....	15	306	9 ³ / ₄	11,000	733 33	2 40
12.....	20	306	10	12,000	600 00	1 96
13.....	125	306	9-10	42,000	336 00	1 10
14.....	38	306	10	22,125	563 24	1 91
15.....	32	306	9	13,158	506 09	1 96
16.....	39	306	9	24,500	628 21	2 05
17.....	116	306	10	74,157	639 29	2 09
18.....	136	306	10	80,000	568 24	1 92
19.....	82	306	10	37,935	463 62	1 51
20.....	52	306	9	37,515	721 44	2 36
21.....	86	306	9	51,838	602 77	1 97
22.....	95	306	10	38,260	402 74	1 33
23.....	49	306	9	34,791	710 02	2 33
24.....	27	306	10	12,500	482 96	1 51
25.....	50	306	10	31,500	630 00	2 06
26.....	34	306	10	32,400	952 94	3 11
27.....	25	306	10	13,823	531 65	1 74
28.....	23	306	10	9,300	422 72	1 38
29.....	71	306	10	39,000	549 30	1 80
30.....	257	306	10	124,000	453 49	1 59
31.....	60	306	10	20,000	333 33	1 09
32.....	34	305	9	21,686	637 62	2 09
33.....	86	305	10	34,000	396 35	1 29
34.....	30	305	10	17,297	576 57	1 89
35.....	16	305	9	9,826	614 12	2 01
36.....	198	305	10	84,000	434 24	1 39
37.....	34	304	10	22,582	693 59	2 28
38.....	62	304	10	27,553	444 40	1 46
39.....	73	302	10	51,328	710 48	2 35
40.....	31	300	10	25,865	834 35	2 78
41.....	22	300	9	17,946	815 72	2 72
42.....	30	300	10	15,556	518 52	1 73
43.....	37	300	10	12,500	482 96	1 54
44.....	31	300	9	15,000	483 87	1 61
45.....	103	300	9	57,200	555 34	1 85
46.....	35	295	10	14,368	299 11	1 35
47.....	305	245	10	165,313	542 01	2 21
48.....	52	223	10	29,658	570 35	2 56
49.....	124	220	10	82,443	664 86	2 02
50.....	199	210	10	140,559	706 23	2 35
	3,698	300	.....	\$1,995,761	\$541 15	\$1 80

Meats, Packing and Preserving.

1.....	35	380	10	\$17,327	\$496 06	\$1 38
2.....	79	330	10	45,245	573 72	1 74
3.....	5,667	313	10	3,105,357	547 97	1 75
4.....	34	308	10	19,088	580 82	1 88
5.....	2,064	308	10	840,493	407 22	1 33
6.....	35	305	12 ³ / ₄	24,898	711 08	2 32
7.....	31	306	10	19,390	625 49	2 04
8.....	30	306	10	14,030	467 33	1 53
9.....	45	306	10	18,000	391 30	1 28
10.....	23	280	12	14,200	617 39	2 20
	8,044	312	.....	\$4,117,986	\$511 33	\$1 70

Table No. 51—Continued.

Metals and Metallic Goods.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	80	365	12	\$42,000	3523 00	\$1 44
2.....	23	360	12	14,000	608 70	1 74
3.....	41	318	10	27,000	658 54	2 10
4.....	263	309	10	106,630	406 44	1 31
5.....	111	408	9	65,000	526 59	1 90
6.....	25	308	10	8,698	347 92	1 12
7.....	24	307	10	10,508	437 82	1 43
8.....	33	306	10	18,000	545 45	1 78
9.....	28	306	10	11,500	410 71	1 34
10.....	26	306	10	12,000	461 54	1 51
11.....	90	306	9	35,000	388 39	1 27
12.....	28	306	9	44,135	504 82	1 66
13.....	50	306	9	21,344	426 88	1 40
14.....	44	306	9	24,735	562 16	1 84
15.....	62	306	9	24,979	402 89	1 32
16.....	45	306	10	22,363	496 96	1 62
17.....	33	306	10	16,000	484 85	1 56
18.....	24	306	9	14,600	608 23	1 99
19.....	32	306	10	40,000	487 80	1 59
20.....	26	306	10	18,200	520 00	1 70
21.....	126	306	12	105,905	540 23	1 77
22.....	63	306	10	89,000	716 98	2 34
23.....	28	302	10	21,080	554 21	1 84
24.....	24	300	10	7,500	312 50	1 04
25.....	84	300	10	60,000	714 29	2 28
26.....	15	300	9	9,500	632 23	2 11
27.....	140	300	10	45,000	321 43	1 07
28.....	24	300	10	7,000	291 67	1 97
29.....	62	288	10	19,251	310 50	1 04
30.....	170	286	10	60,000	352 94	1 20
31.....	22	284	9	15,270	401 84	1 37
32.....	160	282	10	72,922	462 01	1 58
33.....	29	291	10	14,000	482 76	1 68
34.....	909	280	10	435,557	479 16	1 84
35.....	54	286	10	23,727	439 39	1 96
	3,143	303	.....	\$1,482,284	\$471 65	\$1 56

Milling, Flour and Feed.

1.....	21	313	10	\$15,105	\$487 26	\$1 56
2.....	25	300	11-12	12,000	520 00	1 72
3.....	20	300	12	8,250	412 50	1 28
4.....	42	300	10-12	21,500	511 90	1 71
5.....	21	225	10-12	27,000	870 97	2 71
6.....	30	225	10	12,175	489 17	1 96
	179	279	.....	\$98,030	\$547 65	\$1 96

Millinery and Lace Goods.

1.....	194	306	9	\$72,030	\$371 29	\$1 21
2.....	21	306	9	6,000	192 55	1 62
3.....	60	306	10	20,000	322 22	1 09
4.....	45	308	9-9½	23,000	511 11	1 69
5.....	59	238	8½	25,705	425 68	1 53
	399	292	.....	\$146,735	\$377 21	\$1 29

Table No. 51—Continued.

Models, Lasts and Patterns.

Number of Establishments.	Average number employed	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	56	307	10	\$32,983	\$598 98	\$1 92
2.....	67	300	10	40,000	597 01	1 99
3.....	17	300	9	16,137	949 24	3 16
	140	302	.....	\$89,120	\$636 57	\$3 11

Musical Instruments.

1.....	46	315	10	\$26,499	\$576 07	\$1 83
2.....	27	308	10	14,816	548 74	1 78
3.....	210	306	10	190,000	612 90	2 00
4.....	37	308	10	18,034	487 41	1 59
5.....	30	308	9	19,229	640 97	2 09
6.....	435	308	10 ^{1/2}	146,448	336 66	1 10
7.....	200	308	10	116,525	582 62	1 90
8.....	109	303	10	61,478	564 02	1 86
9.....	239	303	10	124,304	561 94	1 86
10.....	39	300	10	47,861	539 11	1 80
11.....	300	300	10	90,000	450 00	1 50
12.....	225	300	9	165,160	689 56	2 39
13.....	62	300	10	40,600	645 16	2 15
14.....	55	290	10	29,035	527 01	1 82
	2,064	303	.....	\$1,089,499	\$527 86	\$1 74

Oils, Varnish, Etc.

1.....	26	309	10	\$15,160	\$582 69	\$1 89
2.....	17	306	10	8,093	476 06	1 66
3.....	47	230	12	22,000	702 13	3 05
4.....	75	153	10	9,500	126 67	88
	165	249	.....	\$65,742	\$398 44	\$1 60

Paper Boxes, Tags, Etc.

1.....	70	300	10	\$19,412	\$377 21	\$ 90
2.....	72	307	10	15,344	213 11	69
3.....	27	306	8-10	7,125	263 89	86
4.....	69	306	8-10	34,498	499 97	1 63
5.....	25	306	10	6,000	171 42	56
6.....	75	306	*12	40,000	533 23	1 74
7.....	11	300	9	1,716	154 00	52
8.....	24	300	9	4,760	197 92	66
9.....	231	300	10	107,426	334 68	1 12
10.....	88	233	*12	26,167	435 75	1 49
11.....	46	290	9	14,000	304 26	1 05
12.....	77	289	*12	39,637	514 77	1 78
13.....	27	280	12	10,821	262 26	1 66
	987	296	.....	\$336,396	\$359 01	\$1 21

* These establishments worked two shifts of 12 hours each per day.

Table No. 51—Continued.

Paving and Paving Materials.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	21	330	10	\$11,808	\$563 28	\$1 70
2.....	100	306	10	22,000	230 00	72
3.....	31	300	10	3,216	103 74	35
4.....	15	280	10	9,080	604 00	2 16
5.....	24	270	10	20,000	833 33	3 09
6.....	26	245	10	8,100	334 00	1 33
7.....	16	215	9	8,736	546 00	2 64
8.....	37	207	10	7,582	204 92	99
9.....	82	206	9	37,600	458 54	2 23
10.....	17	180	10	9,000	539 41	2 94
11.....	20	172	10	8,000	400 00	2 33
12.....	70	169	10	18,364	270 91	1 60
13.....	28	161	10	7,037	263 04	1 66
	436	234	.....	\$171,123	\$352 10	\$1 60

Photography and Materials.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	62	315	9	\$20,000	\$322 58	\$1 03
2.....	62	307	8	45,861	739 69	2 41
3.....	15	307	8	10,000	666 66	2 17
4.....	190	306	8-9	134,408	746 68	2 44
5.....	49	306	9	39,240	739 59	2 42
6.....	26	306	10	18,978	759 12	2 49
7.....	50	306	8	22,000	440 00	1 44
8.....	28	306	8-9	29,012	763 47	2 49
9.....	19	306	8-9	14,180	746 33	2 44
10.....	30	306	9	28,000	933 33	3 06
11.....	45	306	9	24,900	553 33	1 81
	575	307	.....	\$393,874	\$667 08	\$2 17

Pottery.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	27	306	10	\$16,500	\$611 11	\$2 00
2.....	32	300	10	16,000	500 00	1 67
3.....	100	300	10	39,674	396 74	1 32
4.....	66	300	10	28,000	424 24	1 41
5.....	39	300	10	18,645	490 66	1 64
6.....	26	300	9	7,800	312 00	1 04
7.....	143	256	10	38,896	272 90	1 07
8.....	40	235	10	17,775	444 38	1 98
	471	286	.....	\$183,290	\$389 15	\$1 26

Table No. 51—Continued.

Printing, Publishing and Bookbinding.

Number of Establishments.	Average yearly earnings.	Days in opera- tion.	Work- ing hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	78	360	8	\$39,730	\$544 25	\$1 51
2.....	44	312	8-10	30,000	651 62	2 18
3.....	25	312	9	30,000	657 14	2 16
4.....	9	312	8	4,836	537 32	1 70
5.....	52	312	10	17,800	342 81	1 09
6.....	25	312	9	15,000	425 57	1 37
7.....	17	312	9	15,375	304 41	2 90
8.....	23	312	9	10,250	365 07	1 17
9.....	105	311	9	92,000	875 19	2 82
10.....	60	310	9	12,000	200 00	65
11.....	188	308	9	83,000	441 49	1 43
12.....	58	308	9	31,500	543 10	1 76
13.....	88	307	9	41,664	473 45	1 54
14.....	100	307	9	52,433	524 93	1 71
15.....	129	307	9	63,836	494 85	1 61
16.....	58	306	9	18,500	222 90	73
17.....	21	306	9	10,344	492 57	1 61
18.....	25	306	9	12,490	499 60	1 62
19.....	50	306	9	27,300	546 00	1 78
20.....	55	306	9	42,506	772 84	2 53
21.....	30	306	9	12,288	409 60	1 34
22.....	62	306	9	36,551	589 52	1 93
23.....	43	305	9	21,645	503 37	1 65
24.....	24	306	10	10,544	439 33	1 44
25.....	88	306	9	77,186	877 11	2 87
26.....	249	306	9	173,714	697 65	2 23
27.....	44	306	9	26,850	610 91	2 00
28.....	50	306	9	25,000	500 00	1 64
29.....	32	306	9-10	12,000	363 64	1 19
30.....	66	306	9	51,129	774 68	2 53
31.....	50	306	6	20,000	400 00	1 31
32.....	31	306	9	21,000	677 42	2 21
33.....	40	306	9	20,000	500 00	1 63
34.....	99	306	9	53,306	538 44	1 76
35.....	33	306	9	15,229	461 48	1 51
36.....	50	306	9-10	25,000	500 00	1 63
37.....	30	306	9-10	4,800	160 00	52
38.....	181	306	9	108,084	597 15	1 95
39.....	83	306	9-10	31,424	378 60	1 24
40.....	41	306	9	21,618	527 27	1 72
41.....	61	306	9	30,224	496 48	1 62
42.....	16	306	9	7,525	470 31	1 54
43.....	114	306	9	115,730	1,015 18	3 33
44.....	92	306	9	61,900	672 88	2 20
45.....	35	306	9	20,500	585 71	1 91
46.....	50	306	9	32,000	640 00	2 09
47.....	16	305	10	5,689	355 56	1 17
48.....	265	303	9	111,000	433 59	1 43
49.....	19	300	8	10,400	547 37	1 82
50.....	40	300	9	21,020	525 50	1 75
51.....	72	300	9	48,500	673 61	2 25
52.....	30	300	9	18,170	605 67	2 02
53.....	33	290	9	22,000	666 67	2 30
3,416		307	.....	\$1,922,680	\$563 85	\$1 88

Table No. 51—Continued.

Railroad Construction and Equipment.

Number of Establishments.	Average yearly earnings.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	212	365	9	\$51,643	\$243 60	\$0 67
2.....	148	365	10	74,285	591 93	1 38
3.....	402	365	10	183,416	486 36	1 35
4.....	200	360	10	124,292	631 46	1 88
5.....	48	313	10	24,129	502 69	1 61
6.....	508	313	9	280,222	551 62	1 76
7.....	44	313	10	19,427	441 52	1 41
8.....	237	313	10	134,190	506 30	1 61
9.....	157	313	10	91,145	580 54	2 91
10.....	1,017	313	10	594,370	584 43	1 87
11.....	48	310	10	27,188	506 43	1 83
12.....	375	310	10	234,872	626 33	2 02
13.....	390	309	9	188,682	483 80	1 67
14.....	74	306	10	43,892	503 14	1 94
15.....	86	306	10	49,031	570 13	1 86
16.....	45	306	10	24,827	551 71	1 80
17.....	110	306	10	56,727	515 70	1 69
18.....	1,783	306	9	958,689	537 68	1 76
19.....	159	306	9	94,496	594 31	1 94
20.....	31	306	10	16,249	523 84	1 71
21.....	20	306	10	13,416	670 80	2 19
22.....	370	306	9	163,822	442 76	1 45
23.....	297	306	10	143,812	483 22	1 58
24.....	108	306	9	51,156	473 67	1 55
25.....	353	306	10	149,829	434 44	1 39
26.....	196	306	9-10	89,613	457 21	1 49
27.....	389	306	10	214,252	536 97	1 75
28.....	93	306	10	54,321	584 10	1 91
29.....	186	306	10	93,042	532 48	1 74
30.....	169	306	10	93,168	550 93	1 90
31.....	1,925	306	9	1,277,398	663 58	2 17
32.....	78	306	9	44,033	564 53	1 84
33.....	18	306	10	11,518	632 39	2 10
34.....	1,151	306	10	717,784	628 62	2 04
35.....	480	303	10	211,879	470 84	1 55
36.....	1,225	300	10	644,236	525 91	1 75
37.....	119	289	10	51,611	483 71	1 50
13,231		312	.....	\$7,302,592	\$551 98	\$1 77

Roofing and Roofing Materials.

1.....	104	309	8	\$85,000	\$317 31	\$3 65
2.....	66	306	8	36,883	559 82	1 83
3.....	35	300	8	18,500	528 57	1 76
4.....	30	300	8	4,800	160 00	53
5.....	28	300	8	13,000	464 29	1 55
6.....	14	275	8	8,253	589 50	2 14
7.....	13	175	8	6,930	533 08	3 05
290		281	.....	\$173,365	\$597 81	\$2 13

Table No. 51—Continued.

Stone, Cut and Ornamental.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	51	306	8-10	\$26,320	\$516 08	\$1 68
2.....	75	306	18	81,400	1,085 28	3 52
3.....	52	306	10	23,284	429 50	1 40
4.....	2	300	9	1,800	900 00	3 00
5.....	10	300	8	6,486	648 60	2 18
6.....	27	288	8-10	16,889	616 26	2 14
7.....	58	260	10	21,808	611 47	1 58
8.....	47	255	8	66,600	1,404 26	5 51
9.....	26	196	10	10,964	396 71	1 99
	345	280	.....	\$252,671	\$785 28	\$2 63

Stone, Quarried.

1.....	23	306	10	\$10,718	\$224 79	\$1 06
2.....	22	306	8	18,214	327 91	2 71
	55	306	.....	\$28,932	\$356 64	\$1 72

Stoves and Castings.

1.....	37	300	10	\$19,350	\$522 97	\$1 74
2.....	52	300	10	27,906	450 08	1 50
3.....	298	300	9	141,126	451 69	1 61
4.....	12	386	9½	8,336	277 08	94
5.....	16	280	10	9,304	581 50	2 00
6.....	27	288	8	20,180	746 67	2 62
7.....	246	274	10	168,171	480 26	1 75
8.....	79	265	10	88,082	482 18	1 82
9.....	102	242	10	66,218	632 18	2 62
10.....	89	221	7-10	47,632	535 09	2 32
11.....	41	206	10	23,086	561 83	2 72
	1,106	272	.....	\$561,318	\$507 98	\$1 87

Surgical Instruments and Appliances.

1.....	66	306	9	\$37,988	\$576 37	\$1 88
2.....	56	300	10	13,450	336 45	1 12
3.....	67	280	9	26,684	547 53	1 96
	189	296	.....	\$98,102	\$496 23	\$1 68

Table No. 51—Concluded

Tin and Copper Smithing.

Number of Establishments.	Average number employed.	Days in operation.	Working hours.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
1.....	22	308	10	\$12,500	\$421 87	\$1 87
2.....	18	307	10	8,455	469 72	1 53
3.....	24	308	10	14,231	418 56	1 87
4.....	30	306	9	66,000	686 67	2 18
5.....	37	300	8	12,790	343 24	1 14
6.....	40	300	10	8,000	200 00	67
7.....	71	290	10	23,400	329 58	1 14
	322	302	.....	\$140,286	\$435 67	\$1 44

Wire Goods.

1.....	52	312	10	\$15,600	\$300 00	\$0 96
2.....	73	307	9 ¹ / ₂	27,300	373 97	1 22
3.....	74	302	12	33,000	433 43	1 43
4.....	63	300	10	20,000	476 19	1 59
	262	306	.....	\$104,900	\$400 38	\$1 21

* This establishment works two shifts of 12 hours each per day.

Wooden Goods.

1.....	25	310	10	\$12,751	\$550 04	\$1 77
2.....	37	304	9-10	18,204	492 00	1 62
3.....	75	280	9	15,800	210 67	75
4.....	20	275	10	4,600	230 00	84
5.....	23	196	10	12,849	554 06	2 98
	179	273	.....	\$65,204	\$364 27	\$1 33

Woolen and Cotton Goods, Dyeing, Etc.

1.....	319	307	10	\$100,000	\$312 48	\$1 02
2.....	29	308	10	15,600	537 33	1 76
3.....	359	306	9 ¹ / ₂	107,468	300 19	98
4.....	30	304	10	12,000	400 00	1 32
5.....	70	300	10	30,000	428 57	1 43
6.....	30	300	10	9,280	312 00	1 04
	536	304	.....	\$374,428	\$328 26	\$1 06

TABLE No. 52—*Recapitulation, Table No. 51.*

INDUSTRY.	Number of establishments.	Average number employed.	Total days in operation.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
Agricultural implements.....	29	3,045	8,199	\$1,460,002	\$479 48	\$1 69
Awnings, tents, etc.....	4	311	1,084	108,740	349 65	1 29
Bakery products.....	5	307	1,535	153,832	501 05	1 67
Bicycles and tricycles.....	4	268	1,108	120,416	496 63	1 76
Boots and shoes.....	7	1,045	2,015	514,715	492 55	1 71
Boxes, barrels, kegs, etc.....	30	3,250	8,248	1,167,083	359 10	1 23
Brick, tile and sewer pipe...	26	1,411	5,907	665,869	471 77	2 12
Brooms and brushes.....	2	88	544	34,296	276 09	1 02
Building material, wood...	39	2,262	11,335	1,097,806	485 32	1 66
Burial cases, coffins, etc.....	4	389	1,190	172,331	443 01	1 49
Buttons and dress trimmings	4	318	1,109	63,355	313 56	1 13
Carriages and wagons.....	20	1,397	5,945	695,880	496 12	1 68
Cigars and tobacco.....	19	980	5,650	377,575	439 04	1 48
Clothing.....	45	2,170	12,373	1,474,191	465 04	1 57
Confectionery.....	6	508	1,785	145,039	285 51	97
Drugs and medicines.....	6	270	1,848	105,080	389 18	1 26
Electric apparatus.....	4	2,980	1,223	1,440,901	483 52	1 58
Electric light, etc.....	7	309	2,290	208,749	545 72	1 74
Fancy articles.....	6	277	1,776	93,068	335 99	1 14
Fertilizers.....	4	137	1,335	76,421	557 81	1 69
Food preparations.....	29	1,528	6,816	507,618	332 21	1 47
Furniture.....	52	3,840	15,673	1,789,225	465 68	1 55
Furnishing goods.....	10	1,100	2,051	266,639	333 30	1 09
Glass.....	7	1,123	1,902	633,794	563 99	2 07
Hats, caps, gloves.....	4	308	1,201	111,980	363 57	1 21
Hosiery and knit goods.....	3	714	917	262,357	367 45	1 20
Iron and steel.....	28	6,592	8,329	4,239,903	641 67	2 16
Iron, structural, etc.....	9	890	2,715	524,732	589 59	1 95
Jewelry and watch cases.....	7	353	2,062	230,507	624 67	2 12
Leather and leather goods..	15	901	4,592	412,047	458 43	1 50
Litho. and engraving.....	3	268	924	165,151	616 24	2 00
Liquors, malt and distilled..	13	613	4,111	404,541	659 94	2 09
Machines and machinery....	50	3,689	15,000	1,993,761	541 15	1 80
Meats, packed and preserv'd	10	8,044	3,119	4,117,998	511 98	1 70
Metals and metal goods.....	26	2,143	10,619	1,482,334	471 65	1 56
Milling, flour and feed.....	6	179	1,673	98,030	547 65	1 96

Table No. 52—Concluded.

INDUSTRY.	Number of estab- lish- ments.	Average number employed.	Total days in operation.	Total amount of earnings.	Average yearly earnings.	Average daily earnings.
Millinery and lace goods....	5	289	1,459	146,735	\$77 21	1 29
Models, lasts and patterns..	3	140	907	89,120	686 57	2 11
Musical instruments.....	14	2,064	4,249	1,069,499	527 86	1 74
Oils, varnish, etc	4	165	998	65,743	396 44	1 60
Paper boxes, tags, etc.	13	937	3,842	236,396	269 01	1 21
Paving and paving material	13	486	3,041	171,123	263 10	1 50
Photograph materials.....	11	575	3,377	282,574	667 08	2 17
Pottery	8	471	3,236	182,290	289 15	1 36
Printing and publishing	63	3,416	16,297	1,923,680	562 86	1 83
R. R. construc. and equip....	27	12,221	11,531	7,302,592	551 93	1 77
Roofing and roofing mater ..	7	290	1,965	172,365	597 81	2 12
Stone, cut. and monumental	9	345	2,630	262,671	716 28	2 62
Stone, quarried	2	55	612	28,932	626 04	1 72
Stoves and castings	11	1,105	2,989	561,318	507 98	1 57
Surgical instruments.....	2	123	886	93,102	495 22	1 68
Tin and copper smithing....	7	323	2,117	140,286	495 67	1 44
Wire goods.....	4	262	1,222	104,900	400 28	1 21
Wooden goods	5	179	1,365	65,294	264 27	1 23
Woolen and cotton goods ...	6	636	1,823	274,426	228 26	1 08
	767	81,301	223,600	\$40,887,741	\$502 92	\$1 72
			292			

The primary object in producing the foregoing tables is to give the hours of working time as returned by each establishment. In connection therewith, however, is shown the average number of all employes, the days each plant was in operation, and the total amount paid in wages for each year.

From this data is computed the average yearly and daily earnings, both males and females. Referring to the working hours in all establishments, it is found that the range in 1900 was from 7 to 12½ hours, and in 1901 from 6 to 13 hours.

The detailed presentation shown in Tables 49 and 51, as to working hours, is condensed and summarized as follows:

Working hours.	Number of establishments.	Number of employés.	Number of establishments.	Number of employés.
Under 8 hours	4	238	4	381
8 hours	61	4,092	50	2,379
Over 8 to 8½, 9 and 10 hours	21	2,922	27	4,711
9 hours	163	14,108	142	17,561
Over 9 to 9½ and 10 hours	23	4,218	22	2,975
10 hours	477	48,908	491	50,188
Over 10 to 10½ and 12 hours	7	444	6	898
12 and 12½ hours	11	498	14	2,370
Totals	767	76,512	767	81,301

Selecting the popular or accredited daily working hours which largely prevail in the great majority of all classes of industries throughout the country, namely: eight, nine and ten hours, and grouping all other given hours, the following percentages are found:

Working hours.	PERCENTAGES.			
	1900.		1901.	
	Establishments.	Employés.	Establishments.	Employés.
Eight hours	7.96	5.35	6.53	2.80
Nine hours	21.25	18.43	18.51	21.60
Ten hours	62.19	63.92	64.02	61.73
All other hours	8.61	12.30	10.95	13.87
Totals	100.00	100.00	100.00	100.00

In this table the percentages of establishments and employés aggregate to 100. It will be noted that the ten-hour working day in 1900 comprised 62.19 per cent of the establishments and 63.92 per cent of the employés, while in 1901 the same working day included 64.02 per cent of the establishments and 61.73 per cent of the employés. It will be of interest to note here that in 1900 of the 767 establishments only 75, or 9.78 per cent, employed, on an average, less than 20 persons each; while for 1901 only 65, or 8.47 per cent of the same establishments employed, on an average, less than 20 persons each.

Referring to the average number employed and the average yearly and daily earnings, as shown in the final line of each industry for each year in these tables, some differences will be noted in the num-

ber employed and the average yearly and daily earnings when compared with the same showing in preceding Tables 37, 39 and 40. The differences are accounted for, as to the number employed, from the fact that in former tables the number was derived from an average of the total number employed in each establishment by months, while in the latter tables the average is from the total of each establishment for each year.

Table 53 presents the average number of days of operation of the 21 selected industries, other industries and all industries for the two years; also the increase and decrease, with percentages:

TABLE NO. 53.—*Average Number of Days in Operation in Twenty-one Leading Industries during the years 1900 and 1901, in Thirty-four Industries and in All Industries.*

INDUSTRY.	Number of establish- ments.	AVERAGE NUMBER OF DAYS IN OPERATION.		INCREASE (+) OR DECREASE (—) IN 1901.	
		1900.	1901.	Amount.	Percent- ages.
Agricultural implements	29	281.28	282.72	— 3.18	— 1.11
Awnings, tents, etc.....	4	292.25	271.00	— 21.25	— 7.27
Boxes, barrels, kegs, etc.....	30	271.27	271.60	+ 3.66	+ 1.35
Brick, tile and sewer pipe	26	217.81	223.25	+ 7.23	+ 3.34
Building material, wood.....	39	284.59	291.92	+ 7.33	+ 2.50
Carriages and wagons	30	284.90	297.25	+ 12.35	+ 4.33
Clothing	45	290.16	297.18	+ 7.02	+ 2.42
Electric apparatus, etc.....	4	305.00	305.75	+ 0.75	+ 0.25
Electric light, power and gas.....	7	347.29	325.71	— 21.58	— 6.21
Food preparations.....	29	224.97	235.03	+ 10.06	+ 4.47
Furniture	52	300.46	311.40	+ 0.94	+ 0.31
Iron and steel, forgings, castings, etc....	28	289.57	297.46	+ 7.89	+ 2.72
Iron, structural and ornamental	9	303.33	301.67	— 31.66	— 9.50
Liquors, malt and distilled.....	13	316.54	316.23	— 0.31	— 0.10
Machines and machinery	50	300.34	300.00	— 0.34	— 0.11
Meats, packing and preserving	10	310.90	311.90	+ 1.00	+ 0.32
Metals and metallic goods.....	35	298.80	303.40	+ 9.60	+ 3.26
Musical implements.....	14	302.86	303.50	+ 0.64	+ 0.21
Printing, publishing and book binding....	53	307.08	307.49	+ 0.41	+ 0.13
Railroad construction and equipment.....	37	309.08	311.65	+ 2.57	+ 0.88
Stoves and castings.....	11	267.55	271.73	+ 4.18	+ 1.56
Twenty-one industries	545	292.09	291.96	— 0.13	— 0.04
Thirty-four industries	223	286.78	290.02	+ 5.24	+ 1.83
All industries.....	767	288.81	291.99	+ 3.18	+ 1.10

SUMMARY OF RESULTS OF ALL INDUSTRIES.

The following statement, derived from the detailed presentations, sets for the results for the years 1900 and 1901:

TABLE NO. 54—*Summary of the Most Important Statements derived from "All Industries" for the years 1900 and 1901.*

SUBJECT SUMMARIZED.	1900.	1901.	INCREASE (+) OR DECREASE (−) IN 1901.	
			Number and amounts	Percentages
Number of establishments.....	767	767	.....	.....
Number of private firms.....	263	243	−10	−3.95
Number of corporations.....	514	524	+10	+1.95
Number of partners.....	439	422	−17	−3.87
Number of stockholders.....	39,632	42,081	+2,449	+6.70
Average partners to a private firm.....	1.74	1.74	.....	.....
Average stockholders to a corporation..	77.11	82.22	+5.11	+6.63
Amount of capital invested.....	\$65,908,412	\$77,777,912	+21,869,500	+32.87
Value of stock used.....	\$121,085,948	\$153,071,744	+32,985,796	+26.77
Value of goods made or work done.....	\$199,599,291	\$237,339,964	+37,740,673	+18.85
Persons employed—				
Average number.....	75,868	80,861	+4,913	+6.47
Males.....	65,730	70,122	+4,392	+6.68
Females.....	10,238	10,739	+521	+5.09
Greatest number.....	89,165	94,171	+5,006	+5.61
Total amount paid in wages.....	\$37,547,369	\$40,837,741	+3,290,371	+8.90
Average yearly earnings of the aggregate number—both male and female...	\$460 22	\$475 91	+\$15 69	+3.41
Average yearly earnings of the greatest number—males.....	\$553 52	\$550 06	−\$3 46	−0.63
Average yearly earnings of the greatest number—females.....	\$313 42	\$312 97	−\$0 54	−0.14
Average number of days in operation...	298	292	+40	+1.39

It will be observed in the foregoing summary the decided increase for the year 1901 in all essential facts. These are clearly set forth in the column of percentages. The decrease in private firms consequently increased the number of corporations. This result is naturally followed by an increase in the number of stockholders.

TABLE No. 55—*Comparison of Establishments Controlled and Operated by Corporations and Private Firms.*

Classification.	Corporations. 1901.	Private firms. 1901.
Number of establishments.....	524	243
Aggregate capital invested.....	\$67,826,809	\$9,951,103
Average capital per establishment.....	\$129,440	\$40,951
Value of goods made.....	\$202,569,003	\$24,680,861
Average value of product per establishment.....	\$129,440	\$40,951
Aggregate average number of persons employed.....	68,091	12,790
Average aggregate number to each establishment.....	129.94	52.63
Greatest number of persons employed.....	79,431	14,740
Average greatest number per establishment.....	151.23	59.23
Total amount paid in wages.....	\$35,024,299	\$5,691,835
Average paid per establishment.....	\$66,838 36	\$23,423 19
Average yearly earnings.....	\$514 36	\$445.02

Capital Invested, Stock Used, Goods Made, Persons Employed and Wages Paid for the years 1900 and 1901.

Year.	Capital invested.	Stock used.	Goods made.	Aggregate aver- age persons employed.	Paid in wages.
1900.....	\$68,908,412	\$131,085,948	\$199,589,291	75,968	\$36,898,965
1901.....	77,777,912	153,071,744	227,229,864	80,881	40,715,134

Percentages of Increase in Capital Invested, Stock Used, Goods Made, Persons Employed and Wages Paid 1901 over 1900.

YEAR.	PERCENTAGES OF INCREASE OF—				
	Capital invested.	Stock used.	Goods made.	Average persons employed.	Wages paid.
1901 over 1900.....	12.87	16.77	13.85	6.47	8.90

The prominent points shown in this statement are the increase in capital invested in production of 12.87 per cent, value of stock consumed of 16.77 per cent, and the value of goods made or work done of 13.85 per cent.

In the number of persons employed quite a uniform percentage appears for each class named. The increase in the total amount of wages paid is 8.9 per cent, and in the average yearly earnings, both males and females, 3.41 per cent. The estimated average yearly earnings of males and females show a slight per cent of decrease.

The tables following present for the 21 selected industries and for all industries the value of goods made, the stock or material used, the amount paid in wages, and from these the value of the product, less the value of the stock and material used; also the net profit for subservient expenses:

TABLE NO. 56—*Value of Industry Product in Twenty-one Leading Industries, in Thirty-four Industries and in all Industries for the year 1900.*

INDUSTRY.	Number of establishments.	Value of goods made.	Value of stock used.	First value of product.	Amount paid in wages.	Second value of product, for profit and expense fund.
Agricultural implements	29	\$6,219,676	\$2,995,525	\$3,224,151	\$1,437,432	\$1,786,719
Awnings, tents, etc.....	4	1,089,741	857,052	232,689	126,869	105,820
Boxes, barrels, kegs, etc.....	30	5,284,165	3,089,789	2,194,376	518,556	1,675,820
Brick, tile and sewer pipe	26	1,296,599	380,286	916,313	549,547	366,766
Building material, wood.....	39	3,387,324	1,893,729	1,493,595	887,177	606,418
Carriages and wagons.....	20	2,633,290	1,554,193	1,079,097	580,714	498,388
Clothing.....	45	5,755,372	3,111,438	2,643,934	1,384,163	1,259,771
Electric apparatus, etc.....	4	9,455,676	4,769,137	4,686,539	1,622,614	3,063,925
Electric light, power and gas.	7	606,542	184,483	422,059	191,628	230,431
Food preparations.....	29	5,114,574	4,032,091	1,082,483	518,107	564,376
Furniture	52	5,980,780	2,768,310	3,214,470	1,614,418	1,600,062
Iron and steel, forg., cast., etc.	28	15,926,749	8,994,954	6,931,795	3,946,260	2,985,535
Iron, structural and ornam'tal	9	1,849,534	855,051	994,483	474,060	520,423
Liquors, malt and distilled ...	13	7,109,637	4,996,213	2,113,424	365,566	1,747,858
Machines and machinery	50	5,761,098	2,691,604	3,069,494	1,789,209	1,280,285
Meats, packing and preserv'g	10	56,859,965	51,866,182	4,993,783	3,739,828	1,253,955
Metal and metallic goods	35	5,631,501	2,767,303	2,864,198	1,299,504	1,564,694
Musical instruments.....	14	3,062,013	1,389,299	1,672,714	957,855	714,859
Printing, pub. and binding...	53	4,690,078	1,547,074	3,143,004	1,819,676	1,323,328
Railroad const. and equip.....	37	19,563,524	12,157,611	7,405,913	6,489,291	916,622
Stoves and castings.....	11	1,918,519	716,472	1,202,047	540,448	661,599
Twenty-one industries....	545	\$169,196,357	\$113,615,796	\$55,580,561	\$30,852,922	\$24,727,639
Thirty-four industries	222	30,392,934	17,470,152	12,922,782	6,046,033	6,876,749
All industries.....	767	\$199,589,291	\$131,085,948	\$68,503,343	\$36,898,955	\$31,604,388

TABLE No. 57—Value of Industry Product in Twenty-one Leading Industries in Thirty four Industries and in All Industries for the year 1901.

INDUSTRY.	Number of establishments.	Value of goods made.	Value of stock used.	First value of product.	Amount paid in wages.	Second value of product, for profit and expense fund.
Agricultural implements	29	\$6,427,072	\$3,087,906	\$3,339,166	\$1,460,002	\$1,879,164
Awnings, tents, etc.....	4	838,907	625,707	213,200	108,740	104,460
Boxes, barrels, kegs, etc	30	5,656,727	3,364,259	2,292,468	1,069,471	1,222,997
Brick, tile and sewer pipe	26	1,669,602	441,645	1,227,957	685,672	562,285
Building material, wood	39	4,106,549	2,460,995	1,655,561	1,097,805	557,756
Carriages and wagons.....	20	3,099,837	1,776,717	1,323,120	695,880	627,240
Clothing.....	45	6,017,828	3,139,206	2,878,622	1,464,191	1,414,431
Electric apparatus, etc.....	4	7,329,873	3,740,321	3,589,052	1,440,901	2,148,151
Electric light, power and gas.	7	856,522	233,395	623,127	208,749	414,378
Food preparations.....	29	5,491,385	4,325,848	1,165,537	507,618	657,919
Furniture	52	6,363,495	2,982,916	3,380,579	1,788,225	1,592,354
Iron, steel, forgings, castings.	28	16,094,778	9,214,571	6,880,207	4,229,903	2,650,304
Iron, structural, ornamental..	9	2,151,584	875,852	1,275,732	524,732	751,000
Liquors, malt and distilled ...	13	7,565,643	5,314,524	2,251,119	404,541	1,846,578
Machines and machinery	50	6,418,231	3,135,815	3,282,416	1,995,761	1,286,655
Meats, packing, preserving...	10	74,903,769	67,688,350	7,215,419	4,117,966	3,097,433
Metals and metallic goods....	35	5,399,560	2,715,957	2,683,603	1,429,383	1,254,220
Musical instruments	14	3,611,320	1,632,451	1,978,869	1,089,499	889,370
Printing, publish., bookbind'g	53	5,004,901	1,652,221	3,352,680	1,922,680	1,430,000
R. R. construction and equip.	37	22,681,039	14,516,049	8,164,990	7,301,592	863,398
Stoves and castings	11	2,106,844	719,485	1,389,359	561,318	828,041
Twenty-one industries.....	545	\$198,796,966	\$133,634,189	\$60,162,783	\$34,084,649	\$26,078,124
Thirty-four industries	222	33,432,898	19,437,561	13,995,837	6,630,485	7,364,852
All industries.....	767	\$227,229,864	\$153,071,744	\$74,158,120	\$40,715,124	\$33,442,966

The amounts in the column in each of these tables showing the first gross value of the product is found by deducting the cost value of the stock used from the total value of the goods made. From this product value must be deducted the amount paid in wages, which gives, in the last column of each table, the net amount derived from the industry. From this balance must be paid all contingent expenses, interest, rents, taxes, insurance, salaries, commissions, etc.

The following tables present the division of profits for the same industries:

TABLE No 58—Division of Profits as to Capital Invested and Persons Employed in Twenty-one Leading Industries in Thirty-four Industries, and in All Industries for the year 1900.

INDUSTRY.	Number of establishments.	Capital invested.	Average number of persons employed.	VALUE OF PRODUCT.		PERCENTAGES OF PRODUCTS.	
				Per \$1,000 of capital.	Average per employé	Applied to dependent expenses.	Paid in wages.
Agricultural implements.....	29	\$4,024,842	2,847	\$801 08	\$1,132 47	55.42	44.58
Awnings, tents, etc.....	4	1,098,864	385	211 75	604 39	45.48	54.52
Boxes, barrels, kegs, etc.....	30	2,719,352	3,296	806 95	665 77	76.37	23.63
Brick, tile and sewer pipe.....	28	1,445,341	1,181	633 98	775 88	40.03	59.97
Building material, wood.....	39	1,623,275	1,910	917 29	781 99	40.60	59.40
Carriages and wagons.....	20	1,536,869	1,211	702 14	891 08	46.19	53.81
Clothing.....	45	1,940,059	2,782	1,362 81	950 37	47.65	52.35
Electric apparatus, etc.....	4	3,835,696	3,393	1,221 81	1,385 32	65.88	34.62
Electric light, power and gas..	7	1,355,357	340	311 40	1,241 35	54.60	45.40
Food preparations.....	29	1,657,201	1,535	653 20	705 20	52.14	47.86
Furniture.....	52	2,602,168	3,643	1,235 31	882 37	49.78	50.22
Iron and steel, forg., cast., etc.	28	6,796,768	6,129	1,020 02	1,180 98	43.07	56.93
Iron, structural, ornamental...	9	1,372,629	786	724 51	1,265 25	52.33	47.67
Liquors, malt and distilled.....	13	2,658,770	585	794 88	3,612 69	82.70	17.30
Machines and machinery.....	50	3,312,497	3,508	926 64	875 00	41.71	58.29
Meats, packing and preserving	10	3,588,288	7,513	1,391 69	664 69	25.11	74.89
Metals and metallic goods.....	35	2,692,744	2,786	1,063 67	1,028 07	54.63	45.37
Musical instruments.....	14	1,163,563	1,800	1,437 58	929 29	42.74	57.26
Printing, publish'g, bookbind'g	53	2,367,950	3,258	1,327 31	964 70	42.10	57.90
Railroad construction, equip't.	37	7,685,813	12,200	963 58	607 04	12.38	87.62
Stoves and castings.....	11	1,102,322	1,094	1,090 47	1,098 76	55.04	44.96
Twenty-one industries.....	545	\$56,584,368	62,172	\$982 26	\$893 98	44.49	55.51
Thirty-four industries.....	222	12,324,044	13,796	1,048 58	936 70	53.21	46.79
All industries.....	767	\$68,908,412	75,968	\$994 12	\$901 74	46.14	53.86

TABLE No. 59—*Division of Profits as to Capital Invested and Persons Employed in Twenty-one Leading Industries, in Thirty-four Industries and in All Industries, for the year 1901.*

Industry.	Number of establishments.	Capital invested.	Average number of persons employed.	VALUE OF PRODUCT.		PERCENTAGES OF PRODUCT.	
				Per \$1,000 of capital.	Average per employe	Applied to dependent expenses.	Paid in wages.
Agricultural implements.....	29	\$4,358,603	2,952	\$766 11	\$1,131 15	56.28	43.72
Awnings, tents, etc.....	4	864,750	309	246 55	689 97	49.00	51.00
Boxes, barrels, kegs, etc.....	30	2,880,730	3,515	795 69	652 20	53.35	46.65
Brick tile and sewer pipe.....	26	1,469,247	1,331	835 77	922 58	45.79	54.21
Building material, wood.....	39	1,739,884	2,222	951 54	745 06	33.69	66.31
Carriages and wagons.....	20	1,699,021	1,398	778 75	946 42	47.41	52.59
Clothing.....	45	1,990,372	2,938	1,446 27	979 79	49.14	50.86
Electric apparatus, etc.....	4	4,147,951	2,979	865 26	1,204 78	59.85	40.15
Electric light, power and gas ..	7	4,567,926	366	136 41	1,702 51	66.50	33.50
Food preparations.....	29	1,689,714	1,398	689 78	833 72	56.45	43.55
Furniture.....	52	2,625,258	3,841	1,196 56	890 13	47.10	52.90
Iron and steel, forg., cast., etc.	28	7,598,449	6,577	905 48	1,046 10	38 52	61.48
Iron, structural and ornament'l	9	1,553,174	891	821 37	1,448 06	59.87	41.13
Liquors, malt and distilled.....	13	2,883,553	615	788 68	3,660 36	82.03	17.97
Machines and machinery.....	50	3,761,330	3,815	872 67	860 40	39.20	60.80
Meats, packing and preserving	10	4,136,567	8,041	1,744 30	897 33	42.93	57.07
Metals and metallic goods.....	35	3,139,991	3,057	854 68	877 86	46.74	53.26
Musical instruments.....	14	1,294,147	2,041	1,529 09	969 55	44.95	55 06
Printing, pub., and bookbind'g	53	2,414,548	3,402	1,388 53	985 50	42.65	57.35
Railr'd construc. and equipm't	37	8,544,844	13,225	955 54	617 39	10.57	89.43
Stoves and castings.....	11	1,074,330	1,105	1,293 23	1,257 33	59.60	40.40
Twenty-one Industries.....	545	\$64,634,289	66,008	\$930 82	\$911 45	43.35	56.65
Thirty-four Industries.....	222	13,143,623	14,873	1,064 80	940 99	52.62	47.38
All Industries.....	747	\$77,777,912	80,881	\$953 46	\$916 88	45.10	54.90

In the foregoing tables is found the division of profits in the 21 selected industries and for all industries. The first gross value of the product as shown in Tables 56 and 57 form the basis for the computation in the above tables. Here is given the capital invested, the average number of persons employed, the product assigned to each \$1,000 of capital invested, the average product to each employé, the percent-

ages of the product paid in wages and the percentages remaining for other expenses. The last two columns in both tables show the percentages of the product applied to dependent expenses and wages.

CORPORATIONS AND PRIVATE FIRMS.

The following table presents some marked features concerning corporations and private firms:

TABLE No. 60—Comparison of the Totals of Some of the Leading Particulars Concerning Corporations and Private Firms.

Classification.	Year.	No. of establishments.	Capital invested.	Value of goods made or work done.	Aggregate average number of persons employed.	Greatest number of persons employed.	Total paid in wages.
Corporations	1900	514	\$59,150,782	\$176,015,654	62,259	74,812	\$31,572,795
Private firms.....	1900	253	9,757,630	23,573,637	12,709	14,353	5,325,160
Totals.....	....	767	\$68,908,412	\$199,589,291	75,968	89,165	\$36,898,955
Corporations	1901	524	\$67,626,609	\$202,569,003	68,091	79,431	\$35,023,299
Private firms.....	1901	243	9,951,103	24,660,861	12,790	14,740	5,691,835
Totals.....	....	767	\$77,777,912	\$227,229,864	80,881	94,171	\$40,715,134

The reading of this table reveals the very large proportion of business carried on with combined capital.

The following table reduces Table 60 to averages:

TABLE No. 61—Average Capital Invested, Goods Made, Aggregate Average Number of Persons Employed, Greatest Number Employed and Yearly Earnings.

Classification.	Year.	No. of establishments.	Average capital invested by each establishment.	Average value of goods made by each establishment.	Average of the aggregate average number of persons employed.	Average of greatest number of persons employed.	Average yearly earnings of the aggregate average number of persons employed.
Corporations	1900	514	\$115,079	\$342,443	123.37	145.54	\$499 12
Private firms.....	1900	253	38,568	93,176	50.23	56.73	419 12
Totals.....	....	767	\$91,145	\$260,221	99.05	116.25	485 73
Corporations	1901	524	\$129,440	\$386,582	129.94	151.59	\$514 36
Private firms.....	1901	243	40,951	101,485	52.63	60.66	445 02
Totals.....	....	767	101,405	296,258	105.45	122.78	503 40

These comparisons are further set forth in percentages in the following table:

TABLE 62—Percentages of the Business done by Corporations and Private Firms

Classification.	Establishments.	Capital invested.	Goods made.	Wages paid.	Average number employes.	Greatest number employes.	Yearly earnings.
1900.							
Corporations	67.01	85.84	88.19	85.57	83.27	83.90	85.87
Private firms	32.99	14.16	11.81	14.43	16.73	16.10	14.43
1901.							
Corporations	68.32	87.21	89.15	86.02	84.19	84.35	86.02
Private firms	31.68	12.79	10.85	13.98	15.81	15.65	13.98

The percentages shown for corporations are quite uniform for both years.

The final comparative tables follow:

TABLE 63—Comparison of Establishments Controlled and Operated by Corporations and Private Firms.

Classification.	Corporations.	Private Firms
	1900.	1900.
Number of establishments.....	514	253
Aggregate capital invested.....	\$59,150,793	\$9,757,630
Average capital per establishment	\$115,079	\$39,568
Value of goods made.....	\$176,015,654	\$22,573,637
Average value of products per establishment.....	\$342,443	\$93,176
Aggregate average number of persons employed.....	63,259	12,709
Average aggregate number to each establishment.....	123.07	50.23
Greatest number of persons employed.....	74,813	14,353
Average greatest number per establishment.....	145.87	56.88
Total amount paid in wages.....	\$31,573,795	\$5,325,160
Average paid per establishment.....	\$51,427 63	\$21,047 98
Average yearly earnings	\$499 12	\$419 12

TABLE 64—*Comparison of some of the most Important Results for the years 1900 and 1901.*

Years.	Capital invested.	Value of goods made.	Average number of persons employed.	Average number of days in operation.	Total wages paid.	Average yearly earnings.
1900.....	\$68,908,412	\$199,589,291	75,968	288.81	\$36,898,955	\$460 28
1901.....	77,777,912	227,229,864	80,881	291.99	40,715,124	475 91
Increase, 1901.....	\$8,869,500	\$27,640,573	4,913	3.18	\$3,816,179	\$15 68
Percent of increase, 1901.	12.87	13.85	6.47	1.10	8.90	3 41

PART II

TRADE AND LABOR UNIONS

IN

ILLINOIS

TRADE AND LABOR UNIONS IN ILLINOIS, 1897-1901.

The biennial report of this bureau for the year 1886 devoted considerable space to trade and labor unions. A great deal of interest has, from time to time, been manifested throughout the State that this subject be again made a part of the biennial report. The commissioners of labor, when considering the subjects to be treated in this report, concluded to include and devote so much of the report as necessary for as full and complete a showing of labor organizations as might be obtained. It might be mentioned here that there was some hesitancy on the part of the bureau in asking for some parts of the information solicited in the schedule, anticipating that perhaps some objections might be made to furnishing some of the answers requested, on the ground that it would make public some matters that might be considered private. Hence a paragraph was put in the schedule that the information or answers would be so tabulated as not to reveal the identity of any organization. However, after consulting with several representative members of different labor unions, who had assisted in preparing the schedule, the conclusion was that there would be no objection whatever to tabulating the information in full, giving both the name and location of each organization. To this end the following schedule was prepared:

ILLINOIS BUREAU OF LABOR STATISTICS, SPRINGFIELD.

No.....

SCHEDULES FOR THE CALENDAR YEARS 1897 AND 1901.

(2) Name of Trade or Industry.

.....
 To.....Secretary Union No.....
 P. O. Address.....
 Number.....Street. Postoffice Box No.....

OBJECT OF THE SCHEDULE AND INSTRUCTIONS.

The information desired by the bureau through the inquiries of the schedule will, it is hoped, be furnished promptly and as complete as possible.

To make a successful presentation of the results contemplated by the inquiries, the bureau must depend to a large extent on each union or organization to furnish the required data. It is therefore urged and requested that each organization give, as far as possible, complete answers to all questions.

THE INQUIRIES.

Do not leave any answers blank. If impossible to answer mark the blank and note reasons on fourth page.

1. This inquiry is to obtain the specific occupation, trade or calling of your union.

2. Give the name and postoffice address; also street number or number of postoffice box. We have mailed the schedule to the address of the secretary as reported to the bureau; if any change has been made it is requested that the envelope be delivered to the proper person without delay. Place the correct address on the schedule when returned.

3, 4 and 5. These inquiries, it is presumed, can be readily answered from your record books.

6. This inquiry explains itself. If your union has any specific rules, as to apprentices, please note same on the fourth page.

7. The object of this inquiry is to obtain the number employed and unemployed in 1901. If you cannot give the exact numbers state the nearest average obtainable.

8. This inquiry is explained in the five questions. The answers should be carefully given; if estimated, give numbers as near as possible.

9. This inquiry is important—it is to obtain the different wages earned by your members. The blank is arranged that you may give the different grades received. Great care should be observed in filling this blank.

10. This inquiry is also important. Give answers to each item. If your answers cannot be given explicitly in the blank, make full explanation on the fourth page of schedule.

11. This inquiry explains itself. The answers should include only dues and assessments.

12. This inquiry is to secure the beneficiary record of your union, as to your own members only. Make answers as near correct as possible. Your record books will, no doubt, enable you to give exact figures.

13. This inquiry is confined to your trade only. If the number of days, etc., cannot be given, make an estimate and give the total amount paid during each year.

14. This inquiry contemplates that your union has made contributions, from year to year, to organized labor, outside of your own membership and trade. Give total amounts by years.

15. This inquiry explains itself. The answer as to cost of insurance should include amount of premium and all dues and assessments.

16. This inquiry explains itself. Make the answer as brief and concise as possible. However, give full explanation on fourth page.

17. These nine questions call for certain information concerning your union; the answers should be brief and explicit. If any explanation is necessary make same on fourth page.

Where an estimate has to be made to any of the answers in the schedule give your best judgment, and indicate the answer with the letter E.

No. 3. Name of Trade or Industry

4. Date of organization of your Union, year, 1.....

5. MEMBERSHIP.

Number charter members.....
Total membership Dec. 31, 1897.....
Total membership Dec. 31, 1901.....

6. APPRENTICES.

Number of apprentices allowed.....
Number of apprentices employed Dec. 31, 1901.....

7. EMPLOYMENT.

Number of members employed in 1901.....
Number of members unemployed in 1901.....
Number of months employed in 1901.....

8. UNEMPLOYED DURING 1901.

Cause.	Number of members.	Number of days unemployed.
1. Lack of work.....
2. Weather
3. Strikes or lockouts
4. Sickness or other disabilities.....
5. Other causes.....

9.

WAGES OF YOUR MEMBERS.

HOW EMPLOYED.	1897		1901.	
	Number.	Rate.	Number.	Rate.
Per day		\$.....		\$.....
Per day				
Per week.....		\$.....		\$.....
Per week.....				
Per month.....		\$.....		\$.....
Per month.....				
Per hour.....		\$.....		\$.....
Per hour.....				
Per piece.....		\$.....		\$.....
Per piece.....				

10.

HOURS OF LABOR.

Working hours per day in 1897.....in 1901.....
 Working hours per week in 1897.....in 1901.....
 If change of working hours was affected since 1896, give month.....
 and year.....Changed from.....hours to.....hours.

11. Cost per member per year to maintain the organization, not including insurance. For 1897, \$..... 1901, \$.....

12.

BENEFITS ALLOWED AND PAID TO MEMBERS.

CAUSE.	1897.			1901.		
	Rate per week.	Number of weeks.	Total paid for—	Rate per week.	Number of weeks.	Total paid for—
Sickness	\$.....		\$.....	\$.....		\$.....
Accident						
Funeral.....						

13. CONTRIBUTIONS FOR AID TO UNIONS OF SAME TRADE FOR ANY PURPOSE.

Year.	Number of days.	Number of weeks.	Number of months.	Total amount.
1897.....				
1901.....				

14. TOTAL AMOUNT CONTRIBUTED TO ORGANIZED LABOR FOR RELIEF OF ALL KINDS, NOT INCLUDED IN THE ABOVE STATEMENT, IN—

Year.	1897.	1898.	1899.	1900.	1901.
Amount	\$.....	\$.....	\$.....	\$.....	\$.....

15.

INSURANCE.

Has your organization a plan of insurance for its members?.....
 What year adopted, 1....; Number now insured....; In what amounts are members insured? \$..... \$..... \$.....

Total amount of insurance of your members, \$.....

Cost per year to each member, \$.....

16.

CONVIOT LABOR.

In what manner, if any, does the present product of convict labor, in this State, interfere or come in competition with your trade?

17.

UNIONS.

1. Has your Union an agreement with employers as to rate of wages, hours, etc?.....

2. Was agreement signed by local Union or by International of your trade?.....

3. Is agreement signed by employers as firms, individuals or committee of association of employers?.....

4. Does your Union belong to any central body in your city?.....

5. Is your Union affiliated with the American or State Federation of Labor, or both?

6. Is your Union affiliated locally with the American or State Federation, or through your National or International Union?.....

7. Has your trade a National or International Union, which?.....

8. Is your local Union affiliated with the parent body?.....

9. Are you affiliated in a council of kindred trades? Give name of council.....

This schedule was sent to the secretaries of over 1,000 unions and organizations, outside of Chicago. In that city the collecting of statistics was done by special agents.

From various publications, grand secretaries, and the National Federation of Labor there were secured the names and addresses of some 1,450 secretaries. These schedules were mostly sent by mail, with an urgent request that each union or organization would coöperate with the bureau in making a successful presentation of the data contemplated by the schedule.

The number of schedules secured and returned was quite disappointing, out of the entire number only 592 organizations reported or returned the schedules with a membership in 1901 of 140,733. Many of the schedules returned were very incomplete, evidencing defective records and a lack of interest in the effort being made to compile information that would undoubtedly be of great value to each and every organization.

Of the 592 schedules returned 298 were from Chicago, and 294 from 124 different cities of the State. As shown by the schedule the inquiries were for the years 1897 and 1901.

Introductory to the matter deduced from the official returns received, a presentation is made of the progress of trade and labor organizations for the past 50 years, 1852-1901.

TABLE NO. 1—*Trade and Labor Unions of Illinois—Progress of Organization—1852-1902.*

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.			MEMBERSHIP.		
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Grand totals .....	.....	.....	592	.....	.....	32,933	140,733	131,969
Totals .....	.....	.....	2	.....	.....	46	2,700	2,450
Pressmen	Chicago	1852	1	.....	2	7	2,400	2,200
Stone Cutters.....	.. do	1852	1	.....	.....	39	300	250
Totals .....	.....	.....	2	2	.....	7	439	338
Pressmen	Peoria	1858	1	.....	2	.....	96	96
Vessel Unloaders	Chicago	1858	1	4	.....	7	340	290
Carpenters and Joiners.....	.. do	1861	1	5	1	14	1,024	1,024
Typographical.....	Quincy	1862	1	6	1	14	59	50
Machinists.....	Bloomington	1865	1	7	1	14	32	.....
Totals .....	.....	.....	2	.....	2	61	1,071	1,076
Machinists.....	Chicago	1867	2	9	1	36	460	465
Horseshoers .....	.. do	1867	.....	.....	1	25	611	611
Totals .....	.....	.....	2	11	2	7	864	864
Iron Molders.....	Rock Island.....	1870	1	.....	.....	.....	100	100
Tailors	Chicago	1870	1	.....	.....	7	764	764
Totals .....	.....	.....	2	13	2	41	483	445
Glass Blowers.....	Alton	1872	1	.....	.....	25	424	386
Typographical.....	Bloomington	1872	1	.....	.....	16	59	59

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR OR ORGAN- IZED.	ORGANIZATION.			MEMBERSHIP.		
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals			6	19	5	74	1,817	1,782
Box Makers and Sawyers..	Chicago	1873	1			12	500	490
Conductors	Blue Island	1873	1			12	375	375
..do.....	Chicago	1873	1			12	384	384
Firemen, R. R.	Savanna	1873	1			12	58	58
Typographical	Chicago	1873	1			16	100	75
Wood Workers .....	..do.....	1873	1			10	500	500
Totals			2	21	2	41	669	620
Conductors	Chicago	1874	1			14	104	100
Pressmen .....	..do.....	1874	1			25	565	520
Totals			2	23	2	17	500	500
Conductors	Chicago	1875	1			17	124	124
Glass Blowers.....	Upper Alton.....	1875	1				376	376
Totals			4	27	4	219	6,201	5,984
Cigar Makers	Chicago	1878	1			100	1,001	1,884
Hotel, Etc., Waiters ..	..do.....	1878	1				180	150
Plasterers .....	..do.....	1878	1			95	450	450
Vessel Unloaders .....	..do.....	1878	1			24	4,000	4,000
Totals			3	30	3	106	3,718	3,714
Bricklayers	Chicago	1879	1			15	3,100	3,100
Cigar Makers	Decatur	1879	1			30	98	94
Vessel Unloaders	Chicago	1879	1			61	520	520
Totals			4	34	2	125	256	250
Cigar Makers	Danville.....	1880	1				52	48
..do.....	Springfield	1880	1			25	92	90
..do.....	Ottawa	1880	1			25	52	52
Paper Hangers & Painters.	Chicago	1880	1			75	60	60
Totals			5	39	4	96	596	594
Boiler Makers	Chicago	1881	1			20	125	125
Cigar Makers	Alton	1881	1				47	45
..do.....	Peoria	1881	1			30	112	112
Iron Molders	Belleville	1881	1			20	291	291
Tailors	Champaign	1881	1			18	20	21
Totals			9	48	9	366	2,347	1,690
Cigar Makers	Chicago	1882	1			96	172	162
Machinists .....	..do.....	1882	1			14	202	110
Carpenters .....	..do.....	1882	1			46	917	917
Iron Molders .....	..do.....	1882	1			42	331	360
Vessel Unloaders .....	..do.....	1882	1			104	110	
Brass Workers .....	..do.....	1882	1			7	257	175
Blacksmiths .....	..do.....	1882	1				281	
Tailors	Peoria	1882	1			53	35	35
Granite Cutters	Chicago	1882	1			14	51	40

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.			MEMBERSHIP.		
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals .....	.....	.....	11	59	6	224	1,534	1,633
Conductors	Aurora	1893	1	.....	.....	18	89	89
..do.....	Galesburg	1893	1	.....	.....	38	.....	96
..do.....	Mattoon	1893	1	.....	.....	10	60	60
..do.....	Peoria	1893	2	.....	.....	66	127	127
Engineers	Chicago	1893	1	.....	.....	14	43	43
Iron Molders .....	.. do	1893	1	.....	.....	7	435	435
Pattern Makers .....	.. do	1893	1	.....	.....	5	300	300
Trainmen .....	.. do	1893	2	.....	.....	40	447	447
Typographical	Decatur	1893	1	.....	.....	26	33	36
Totals .....	.....	.....	8	62	8	46	395	395
Carpenters and Joiners	Chicago	1894	1	.....	.....	18	230	230
Type Founders .....	.. do	1894	1	.....	.....	10	120	120
Vessel Unloaders .....	.. do	1894	1	.....	.....	18	45	45
Totals .....	.....	.....	7	69	6	172	1,044	1,264
Bakers and Confectioners	Chicago	1895	1	.....	.....	60	525	525
Cigar Makers .....	.. do	1895	1	.....	.....	36	43	43
Engineers .....	.. do	1895	1	.....	.....	14	53	53
..do.....	Peoria	1895	1	.....	.....	.....	42	42
Plumbers	Chicago	1895	1	.....	.....	16	800	500
Trainmen	Peoria	1895	1	.....	.....	28	81	81
Stereotypers	Chicago	1895	1	.....	.....	20	120	120
Totals .....	.....	.....	17	86	10	512	3,294	3,100
Blacksmiths	Chicago	1896	1	.....	.....	15	197	177
Carpenters .....	.. do	1896	1	.....	.....	68	130	189
..do.....	East St. Louis	1896	2	.....	.....	39	503	535
Cigar Makers	Blue Island	1896	1	.....	.....	12	25	25
..do.....	Pekin	1896	1	.....	.....	18	34	33
..do.....	Streator	1896	1	.....	.....	8	34	34
Firemen	Chicago	1896	4	.....	.....	78	580	580
Gold Beaters .....	.. do	1896	1	.....	.....	21	64	64
Iron Molders	Harvey	1896	1	.....	.....	86	425	435
Machinists	Chicago	1896	1	.....	.....	42	320	175
Mattress makers .....	.. do	1896	1	.....	.....	25	330	330
Theatre Stage Employes .....	.. do	1896	1	.....	.....	60	251	251
Steamfitters .....	.. do	1896	1	.....	.....	30	400	350
Totals .....	.....	.....	12	98	7	1,811	6,835	5,784
Cigar Makers	Bloomington	1897	1	.....	.....	.....	63	60
Carpenters	Chicago	1897	2	.....	.....	1,656	5,825	4,525
..do.....	Evanston	1877	1	.....	.....	.....	52	53
..do.....	Oakland	1897	1	.....	.....	.....	119	83
Engineers	Chicago	1897	2	.....	.....	28	119	119
Firemen, R. R.	Peoria	1897	1	.....	.....	16	136	136
Pressmen	Danville	1897	1	.....	.....	9	40	35
Sheet Metal Workers	Chicago	1897	1	.....	.....	42	342	342
..do.....	Quincy	1897	1	.....	.....	16	32	25
Vessel Unloaders	Chicago	1897	1	.....	.....	44	104	104
Totals .....	.....	.....	8	101	8	58	127	127
Brewers and Malsters	Chicago	1898	1	.....	.....	34	27	27
Engineers .....	.. do	1898	1	.....	.....	14	25	25
Trainmen .....	.. do	1898	1	.....	.....	20	65	65

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.			MEMBERSHIP.		
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals .....	.....	.....	13	114	10	675	3,736	3,194
Bridge & Sheet Iron Wkrs.	Chicago	1889	1	.....	.....	114	1,104	966
Carpenters and Joiners....	Belleville	1889	1	.....	.....	30	112	105
..do.	Chicago	1889	1	.....	.....	70	838	838
..do.	Collinsville	1889	1	.....	.....	12	55	55
Engineers	Clinton	1889	1	.....	.....	19	55	50
..do.	Peoria	1889	1	.....	.....	17	52	52
Gravel Roofers	Chicago	1889	1	.....	.....	26	315	315
Iron, Steel & Tin Workers.	Joliet	1889	1	.....	.....	54	79	79
Lathers	Chicago	1889	1	.....	.....	42	492	210
Leather Workers	Quincy	1889	1	.....	.....	12	69	69
Miners	Colchester	1889	1	.....	.....	190	105	105
Steam fitters	Chicago	1889	1	.....	.....	75	400	300
Trainmen	Chillicothe	1889	1	.....	.....	14	60	50
Totals .....	.....	.....	22	136	15	385	6,284	3,560
Architectural iron workers	Chicago	1890	1	.....	.....	16	210	210
Bricklayers	Belleville	1890	1	.....	.....	20	37	37
Brick, tile and terra cotta..	Chicago	1890	1	.....	.....	14	63	63
Carpenters .....	..do	1890	1	.....	.....	34	682	682
Coopers	Alton	1890	1	.....	.....	14	21	21
..do.	Chicago	1890	1	.....	.....	.....	260	.....
Engineers .....	..do	1890	1	.....	.....	12	52	52
..do.	Murphysboro	1890	1	.....	.....	22	63	63
Firemen	Chicago	1890	2	.....	.....	57	96	96
Electrical workers .....	..do	1890	1	.....	.....	20	360	360
Letter carriers .....	..do	1890	1	.....	.....	.....	1,200	.....
..do.	Peoria	1890	1	.....	.....	14	22	.....
Machinists	Chicago	1890	2	.....	.....	56	675	400
Painters .....	..do	1890	2	.....	.....	43	1,028	316
Postoffice clerks .....	..do	1890	1	.....	.....	25	220	220
Pressmen	Alton	1890	1	.....	.....	10	20	20
Typographical	Chicago	1890	1	.....	.....	8	32	30
Woodworkers .....	..do	1890	2	.....	.....	20	1,243	990
Totals .....	.....	.....	13	149	11	432	4,984	4,536
Barbers	Peoria	1891	1	.....	.....	19	74	74
Brewers and malsters	Chicago	1891	1	.....	.....	40	745	695
Carpenters .....	..do	1891	2	.....	.....	158	329	244
Coopers	East St. Louis	1891	1	.....	.....	19	60	53
Engineers	Chicago	1891	1	.....	.....	12	35	35
Glassblowers	East St. Louis	1891	1	.....	.....	30	78	78
Hodcarriers	Chicago	1891	1	.....	.....	46	2,930	2,637
Letter carriers	Belleville	1891	1	.....	.....	7	10	.....
Miners	Chenoo	1891	1	.....	.....	15	16	13
Painters	Belleville	1891	1	.....	.....	20	37	37
..do.	Chicago	1891	1	.....	.....	46	420	420
Trainmen .....	..do	1891	1	.....	.....	20	250	250

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.				MEMBERSHIP.	
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1891.
Totals			24	173	19	470	4,030	3,808
Brick, tile and terre cotta..	Chicago	1892	1			21	78	65
Bakers and Confectioners ..	do	1892	1			75	170	170
Bricklayers	Bloomington	1892	1			16	30	30
Carpenters	Chicago	1892	1			22	130	130
Cigar makers	do	1892	1			11	28	28
Engineers	Bloomington	1892	1			14	37	37
do	Chicago	1892	2			28	153	153
Electrical workers	do	1892	1			36	430	325
Firemen	Blue Island	1892	1			30	60	60
do	Chicago	1892	2			45	86	86
Felt hatters	do	1892	1			12	60	60
Iron molders	do	1892	1			7	525	525
Letter carriers	Streator	1892	1			6	7	7
Machinists	Elgin	1892	1			12	93	93
do	Maywood	1892	1			14	116	116
Painters	Chicago	1892	1			10	960	960
Pressmen	do	1892	1			7	325	325
Plumbers	Peoria	1892	1			21	27	27
Sheetmetal workers	Evanston	1892	1			15	12	10
Machinists	Aurora	1892	1			34	140	98
Trainmen	Chicago	1892	1			20	131	131
Traveling salesmen	do	1892	1			11	373	373
Totals			15	138	9	642	2,945	2,461
Boiler makers	Chicago	1892	1			200	500	500
Carpenters and joiners	do	1892	3			130	361	519
do	Peru	1892	1			32	43	43
Hod carriers	Chicago	1892	1			62	336	336
Machinists	Belleville	1892	1			14	41	38
do	Chicago	1892	2			40	303	216
Miners	Freeburg	1892	1			39	110	110
Painters	Chicago	1892	1			42	370	370
Retail clerks	Aurora	1892	1			29	18	16
Stove mounters	Chicago	1892	1			14	50	.....
Trainmen	do	1892	1			20	184	184
do	Blue Island	1892	1			70	80	80
Totals			20	208	11	1,029	2,624	2,398
Brick, tile and terra cotta..	Blue Island	1894	1			150	250	250
Carpenters	Chicago	1894	1			42	361	361
do	Pullman	1894	1			17	61	61
Coopers	Chicago	1894	1			16	200	.....
Cigar makers	do	1894	2			43	72	72
do	Havana	1894	1			10	13	12
Firemen, railroad	East St. Louis	1894	1			15	60	60
Glass bottle blowers	Belleville	1894	1			24	168	168
Miners	do	1894	1			150	200	200
do	Berkner Station	1894	1			30	80	80
do	Caseyville	1894	1			40	82	60
do	Glen Carbon	1894	1			350	425	431
do	O'Fallon	1894	1			17	192	192
Painters	Chicago	1894	2			50	255	255
Painters and glaziers	do	1894	1			36	95	95
Switchmen	Savanna	1894	1			8	24	24
Tailors	Springfield	1894	1			24	46	47
Typographical	Chicago	1894	1			7	40	40

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.			MEMBERSHIP.		
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals			12	230	9	271	1,027	980
Brewers and malsters	LaSalle	1895	1	.....	.....	16	42	42
..do	Mendota	1895	1	.....	.....	.....	6	6
Cigar makers	Belvidere	1895	1	.....	.....	10	34	34
..do	Canton	1895	1	.....	.....	7	61	65
Firemen	Chicago	1895	2	.....	.....	94	112	112
Letter carriers	Mattoon	1895	1	.....	.....	4	5	5
Machinists	Chicago	1895	1	.....	.....	11	121	80
Miners	Kangley	1895	1	.....	.....	85	225	225
Painters	Chicago	1895	1	.....	.....	16	141	141
Pressmen .....	..do	1895	1	.....	.....	12	145	145
Wood workers .....	..do	1895	1	.....	.....	16	135	135
Totals			16	236	12	368	6,538	4,824
Brewers and malsters	New Athens	1896	1	.....	.....	5	9	9
Brick, tile and terra cotta	Glen Carbon	1896	1	.....	.....	73	90	90
Carpenters	Chicago	1896	1	.....	.....	12	52	52
Firemen .....	..do	1896	1	.....	.....	35	210	210
Holisting engineers	Belleville	1896	1	.....	.....	21	76	65
..do	Springfield	1896	1	.....	.....	.....	50	49
Painters	Evanston	1896	1	.....	.....	33	150	150
Pressmen	Chicago	1896	2	.....	.....	32	2,068	1,968
Stone derrickmen .....	..do	1896	1	.....	.....	8	120	120
Stone planers .....	..do	1896	1	.....	.....	60	61	60
Steam engineers .....	..do	1896	1	.....	.....	50	2,000	400
Tailors	Elgin	1896	1	.....	.....	9	28	28
Wood workers	Chicago	1896	3	.....	.....	30	1,604	1,604
Totals			55	291	22	4,030	12,573	12,362
Brick, tile and terra cotta	Bernice	1897	1	.....	.....	25	58	58
..do	Chicago	1897	1	.....	.....	70	100	100
..do	Dalton	1897	1	.....	.....	70	105	105
..do	Fullman	1897	1	.....	.....	20	70	70
..do	Quincy	1897	1	.....	.....	30	50	50
..do	Shermerville	1897	1	.....	.....	44	60	60
Brick layers and masons	Highwood	1897	1	.....	.....	18	38	.....
..do	Quincy	1897	1	.....	.....	30	36	36
..do	Rock Island	1897	1	.....	.....	30	61	55
Brick makers	Shermerville	1897	1	.....	.....	18	64	42
Brewers and malsters	Chicago	1897	1	.....	.....	18	340	340
Barbers	Decatur	1897	1	.....	.....	15	41	41
Broom makers	Chicago	1897	1	.....	.....	15	88	80
Coopers .....	..do	1897	1	.....	.....	24	102	102
Cloth hat and cap makers .....	..do	1897	1	.....	.....	9	125	100
Electrical workers .....	..do	1897	1	.....	.....	46	82	87
Elevator constructors .....	..do	1897	1	.....	.....	80	205	205
Holisting engineers	Collinsville	1897	1	.....	.....	7	37	37
Hod carriers	Chicago	1897	2	.....	.....	177	3,000	3,000
Iron molders .....	..do	1897	1	.....	.....	7	280	280
..do	East St. Louis	1897	1	.....	.....	8	81	81
Letter carriers	Chicago	1897	1	.....	.....	15	125	125
Miners	Auburn	1897	1	.....	.....	24	287	287
..do	Belleville	1897	2	.....	.....	330	757	727
..do	Cable	1897	1	.....	.....	42	165	165
..do	Collinsville	1897	1	.....	.....	340	712	712
..do	DuQuoin	1897	1	.....	.....	78	463	463
..do	Elizabethtown	1897	1	.....	.....	200	80	95
..do	Greenview	1897	1	.....	.....	25	157	140
..do	Halidayboro	1897	1	.....	.....	150	280	275
..do	Himrod	1897	1	.....	.....	23	200	200
..do	Lenzburg	1897	1	.....	.....	34	58	55
..do	Marissa	1897	1	.....	.....	65	225	225
..do	Murphysboro	1897	1	.....	.....	720	540	540
..do	O'Fallon	1897	1	.....	.....	43	60	60
..do	Oglesby	1897	1	.....	.....	.....	14	14
..do	Rutland	1897	1	.....	.....	60	225	225

Table No. 1--Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.				MEMBERSHIP.	
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Miners	St. David.....	1897	1	.....	.....	40	125	125
..do.....	Sorento.....	1897	1	.....	.....	40	204	213
..do.....	Sparta.....	1897	2	.....	.....	153	188	183
..do.....	Spaulding.....	1897	1	.....	.....	90	120	110
..do.....	Springfield.....	1897	1	.....	.....	158	165	165
..do.....	Spring Valley.....	1897	1	.....	.....	40	620	620
..do.....	Toluca.....	1897	1	.....	.....	15	150	150
Pressmen	Kewanee.....	1897	1	.....	.....	7	10	10
..do.....	Canton.....	1897	1	.....	.....	.....	15	.....
Plumbers	Chicago.....	1897	1	.....	.....	18	154	154
Stationary firemen.....	.. do.....	1897	1	.....	.....	10	250	250
Teamsters .....	.. do.....	1897	1	.....	.....	450	900	900
Wood block pavers.....	.. do.....	1897	1	.....	.....	42	101	95
Wood workers .....	.. do.....	1897	1	.....	.....	10	53	53
Musicians.....	Bloomington.....	1897	1	.....	.....	40	52	.....
Totals .....	.....	.....	45	335	24	1,327	7,213	6,837
Brick, tile and terra cotta.....	Belleville.....	1893	1	.....	.....	45	70	70
..do.....	Chicago.....	1893	1	.....	.....	112	252	252
..do.....	Springfield.....	1893	1	.....	.....	75	200	200
..do.....	Collinsville.....	1893	1	.....	.....	10	20	20
Bill posters	Chicago.....	1893	1	.....	.....	25	130	130
Boiler makers .....	.. do.....	1893	1	.....	.....	15	68	68
Brass workers.....	Pullman.....	1893	1	.....	.....	22	250	250
Carpenters	Moline.....	1893	1	.....	.....	12	123	123
..do.....	Austin.....	1893	1	.....	.....	18	126	126
..do.....	Chicago.....	1893	1	.....	.....	27	137	137
Chandeller makers.....	.. do.....	1893	1	.....	.....	16	87	87
Cigar makers	Centralia.....	1893	1	.....	.....	8	16	19
..do.....	Kewanee.....	1893	1	.....	.....	7	28	28
Conductors	Alton.....	1893	1	.....	.....	16	21	21
Electrical workers	Chicago.....	1893	1	.....	.....	.....	161	161
Glass blowers .....	.. do.....	1893	1	.....	.....	42	78	78
Holisting engineers.....	Coal City.....	1893	1	.....	.....	16	86	86
..do.....	Streator.....	1893	1	.....	.....	11	18	18
Miners	DeSoto.....	1893	1	.....	.....	20	125	125
..do.....	Hanna City.....	1893	1	.....	.....	23	45	45
..do.....	Kingston.....	1893	1	.....	.....	145	145	145
..do.....	Mt. Vernon.....	1893	1	.....	.....	25	60	60
..do.....	New Baden.....	1893	1	.....	.....	15	200	200
..do.....	Odin.....	1893	1	.....	.....	137	200	190
..do.....	Paisley.....	1893	1	.....	.....	32	60	60
..do.....	Pawnee.....	1893	1	.....	.....	21	164	87
..do.....	Astoria.....	1893	1	.....	.....	60	140	140
..do.....	Carterville.....	1893	1	.....	.....	400	235	235
..do.....	Sparta.....	1893	1	.....	.....	25	75	80
Machinists	Chicago.....	1893	1	.....	.....	22	106	100
..do.....	Springfield.....	1893	1	.....	.....	45	52	50
Musicians	Chicago.....	1893	1	.....	.....	20	2,060	2,060
Painters .....	.. do.....	1893	1	.....	.....	52	65	65
Painters and glaziers.....	.. do.....	1893	1	.....	.....	75	75	75
Painters	Joliet.....	1893	1	.....	.....	45	54	54
Holisting engineers.....	Marion.....	1893	1	.....	.....	12	18	18
Iron molders	Chicago.....	1893	1	.....	.....	65	375	375
Photo. engravers.....	.. do.....	1893	1	.....	.....	7	366	150
Switchmen .....	.. do.....	1893	1	.....	.....	20	200	200
Steam engineers	Peoria.....	1893	1	.....	.....	15	90	90
Retail clerks	Kewanee.....	1893	1	.....	.....	120	60	60
Plasterers	Joliet.....	1893	1	.....	.....	10	12	9
Typographical.....	Belleville.....	1893	1	.....	.....	11	18	18
Plasterers	Bloomington.....	1893	1	.....	.....	11	16	16
Wood block pavers.....	Chicago.....	1893	1	.....	.....	.....	210	240

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.			MEMBERSHIP.		
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals			56	392	30	1,913	11,747	11,261
Boot and shoe makers.....	Chicago	1899	1				700	700
Brick, tile and terra cotta..	Peoria	1899	1			60	100	109
Barbers	Pontiac	1899	1			10	15	15
..do.....	Taylorville	1899	1			10	25	25
..do.....	Elgin	1899	1			12	22	30
Carpenters.....	Alton	1899	1			23	50	50
..do.....	Bloomington	1899	1			22	119	100
..do.....	Chicago	1899	1			25	167	150
Coopers	Peoria	1899	1			22	47	47
..do.....	Chicago	1899	1			24	196	150
Drainage layers & helpers.	Chicago	1899	1				25	25
Garment workers	Springfield	1899	1			12	22	22
..do.....	Chicago	1899	3			670	1,850	1,250
Horse nail makers .....	..do.	1899	1			96	678	678
Leather workers .....	..do.	1899	1			12	450	450
Lathers	Joliet	1899	1			16	15	15
Elevator constructors.....	Chicago	1899	1			15	600	600
Miners	Pekin	1899	1				96	
..do.....	Freeport	1899	1			15	25	15
..do.....	Sherrard	1899	1				255	250
..do.....	Edwards	1899	1			25	100	
..do.....	Elmwood	1899	1			40		
..do.....	Herrin	1899	1			30	100	100
..do.....	Morris	1899	1			63	69	53
..do.....	Bartonville	1899	1			29	40	40
Boiler makers	Chicago	1899	1			12	22	22
Machinists .....	..do.	1899	3			29	279	250
Metal polishers .....	..do.	1899	1			30	227	170
..do.....	Belleville	1899	1			9	25	25
Iron molders.....	Chicago	1899	1			7	120	120
..do.....	Freeport	1899	1			70	82	82
Painters	Peoria	1899	1			51	127	125
..do.....	Streator	1899	1			19	52	60
..do.....	Elgin	1899	1			24	60	60
Plumbers	Champaign	1899	1			8	9	15
Parquet floor workers.....	Chicago	1899	1			30	120	120
Plasterers	Streator	1899	1			15	19	19
Retail clerks.....	Murphysboro	1899	1			29	59	59
..do.....	LaSalle	1899	1			29	100	100
Stove mounters	Aurora	1899	1			9	30	30
Steam engineers	Quincy	1899	1			65	25	25
Stationary firemen.....	Springfield	1899	1			8	50	45
Switchmen.....	Joliet	1899	1			52	90	96
..do.....	Chicago	1899	2			40	475	475
Street car employes.....	Belleville	1899	1			10	150	150
Typographical	Elgin	1899	1			16	28	28
Team drivers	Joliet	1899	1			37	50	50
..do.....	Mt. Olive	1899	1			7	8	8
..do.....	Chicago	1899	1			26	4,000	4,000
Wood workers.....	East St. Louis	1899	1			15	60	60
..do.....	Chicago	1899	1			10	60	60

Table No. 1—Continued.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.				MEMBERSHIP.	
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals			56	448	25	3,294	12,491	12,268
Bakers	Alton	1900	1	.....	.....	7	12	10
Brick, Tile and Terra Cotta	Blue Island	1900	1	.....	.....	56	60	60
Retail clerks	Centralia	1900	1	.....	.....	63	56	56
Teamsters	Pinckneyville	1900	1	.....	.....	11	22	22
Architectural Iron Works..	Chicago	1900	5	.....	.....	335	700	700
Bricklayers	E. St. Louis	1900	1	.....	.....	13	60	.....
Architectural Iron Works..	Glencoe	1900	1	.....	.....	130	120	100
Boilermakers	Chicago	1900	2	.....	.....	24	53	53
Butchers and Meat Cutters	.. do	1900	1	.....	.....	250	650	650
Blacksmith Helpers .....	.. do	1900	1	.....	.....	28	48	12
Brick, Tile and Terra Cotta	Edwardsville	1900	1	.....	.....	30	28	28
Carpenters	Herrin	1900	1	.....	.....	69	50	50
.. do	Kewanee	1900	1	.....	.....	30	65	65
.. do	Madison	1900	1	.....	.....	18	111	111
.. do	Murphysboro	1900	1	.....	.....	23	45	40
.. do	New Baden	1900	1	.....	.....	17	21	21
.. do	Ottawa	1900	1	.....	.....	.....	67	67
.. do	Pekin	1900	1	.....	.....	15	78	78
.. do	Spring Valley	1900	1	.....	.....	10	30	30
Oigarmakers	Murphysboro	1900	1	.....	.....	7	12	12
Garm't Work's and Sp'l O'r	Chicago	1900	4	.....	.....	1,375	2,150	2,150
Holisting Engineers	Athens	1900	1	.....	.....	14	16	19
.. do	Decatur	1900	1	.....	.....	6	16	15
.. do	Oglesby	1900	1	.....	.....	13	12	12
.. do	Sherrard	1900	1	.....	.....	8	14	.....
.. do	Wenona	1900	1	.....	.....	13	12	12
Iron Molders	Pullman	1900	1	.....	.....	41	74	.....
Lathers	Bloomington	1900	1	.....	.....	11	7	7
Machinists	Chicago	1900	1	.....	.....	17	92	80
Miners	Flatt	1900	1	.....	.....	10	25	25
.. do	Sparland	1900	1	.....	.....	28	28	40
.. do	Springfield	1900	1	.....	.....	.....	19	25
Painters	Kankakee	1900	1	.....	.....	22	28	23
.. do	Ottawa	1900	1	.....	.....	36	19	19
Retail Clerks	Alton	1900	1	.....	.....	16	85	85
.. do	Chicago	1900	1	.....	.....	20	50	50
E. R. Telegraphers	Roscoe	1900	1	.....	.....	259	489	489
Switchmen	Chicago	1900	1	.....	.....	20	200	200
Tailors	Bellville	1900	1	.....	.....	12	12	12
.. do	Danville	1900	1	.....	.....	15	15	15
Trainmen	Chicago	1900	1	.....	.....	20	40	40
Firemen .....	.. do	1900	2	.....	.....	55	60	60
Teamsters .....	.. do	1900	2	.....	.....	85	6,600	6,600
Hotel Waters, etc.	Murphysboro	1900	1	.....	.....	11	31	31
Garment Workers	Rockford	1900	1	.....	.....	62	81	78
Watch Case Engravers	Chicago	1900	1	.....	.....	9	20	20
Totals			127	575	41	12,925	26,344	26,808
Barbers	Aurora	1901	1	.....	.....	30	29	29
Bakers and Confectionery.	Chicago	1901	2	.....	.....	266	600	600
Boilermakers .....	.. do	1901	2	.....	.....	112	322	322
Butchers and Meat Cutters	.. do	1901	9	.....	.....	1,015	3,150	3,150
Broommakers	Aurora	1901	1	.....	.....	5	5	5
Boot and Shoemakers	Dixon	1901	1	.....	.....	150	114	114
Brick, Tile and Terre Cotta	E. Peoria	1901	1	.....	.....	30	35	35
.. do	Evanston	1901	1	.....	.....	130	150	150
.. do	Griffen	1901	1	.....	.....	30	34	34
.. do	Jacksonville	1901	1	.....	.....	28	42	42
.. do	Kensington	1901	1	.....	.....	42	72	72
.. do	Kewanee	1901	1	.....	.....	27	33	33
.. do	Pekin	1901	1	.....	.....	10	17	17
.. do	Randall	1901	1	.....	.....	85	120	120
.. do	Streator	1901	4	.....	.....	129	148	188
Brickmakers .....	.. do	1901	1	.....	.....	35	62	62
.. do	Pekin	1901	1	.....	.....	15	10	15
.. do	Kewanee	1901	1	.....	.....	17	20	30

Table No. 1—Concluded.

UNIONS AND INDUSTRIES.	LOCATION.	YEAR ORGANIZED.	ORGANIZATION.				MEMBERSHIP.	
			Number.	Cumulative.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Brewers and Malsters.....	Chicago	1901	1	.....	.....	.....	120	120
Bricklayers.....	LaSalle.....	1901	1	.....	.....	24	44	35
..do.....	Pontiac.....	1901	1	.....	.....	17	17	8
Carpenters.....	Chillicothe.....	1901	1	.....	.....	12	15	15
..do.....	Marietta.....	1901	1	.....	.....	21	28	24
..do.....	Mascoutah.....	1901	1	.....	.....	12	13	13
..do.....	Rockford.....	1901	1	.....	.....	10	140	140
..do.....	Salem.....	1901	1	.....	.....	16	15	.....
..do.....	Toluna.....	1901	1	.....	.....	28	24	38
Conductors.....	Clinton.....	1901	1	.....	.....	20	26	26
Garment Cutters.....	Chicago.....	1901	2	.....	.....	22	400	400
Garment Makers.....	..do.....	1901	1	.....	.....	60	435	435
Garment Makers and Sp'l O'r.....	..do.....	1901	12	.....	.....	1,555	2,050	1,700
Glass Workers.....	Streator.....	1901	1	.....	.....	76	240	240
Glove Makers.....	Chicago.....	1901	1	.....	.....	225	235	180
Hotel Waters.....	DuQuoin.....	1901	1	.....	.....	15	15	15
Holisting Engineers.....	Farmington.....	1901	1	.....	.....	25	30	27
..do.....	Herrin.....	1901	1	.....	.....	12	16	16
Egg Inspectors.....	Chicago.....	1901	1	.....	.....	180	235	235
Machinists.....	..do.....	1901	4	.....	.....	112	353	347
Musicians.....	Jacksonville.....	1901	1	.....	.....	46	46	46
Miners.....	Auburn.....	1901	1	.....	.....	82	70	35
..do.....	Lake Creek.....	1901	1	.....	.....	25	45	30
..do.....	Lincoln.....	1901	1	.....	.....	15	45	30
..do.....	Marion.....	1901	1	.....	.....	150	50	75
Laundry workers.....	Litchfield.....	1901	1	.....	.....	10	10	10
Pressmen.....	Chicago.....	1901	2	.....	.....	62	121	121
..do.....	Elgin.....	1901	1	.....	.....	18	20	20
Railway clerks.....	Chicago.....	1901	1	.....	.....	80	640	640
Retall clerks.....	..do.....	1901	18	.....	.....	740	1,280	1,220
..do.....	Decatur.....	1901	1	.....	.....	65	50	.....
Switchmen.....	Blue Island.....	1901	1	.....	.....	20	150	150
Street car employes.....	Chicago.....	1901	5	.....	.....	2,660	4,975	8,975
Typographical.....	Peru.....	1901	1	.....	.....	17	17	17
Tailors.....	Alton.....	1901	1	.....	.....	15	15	15
Teamsters.....	Pekin.....	1901	1	.....	.....	10	46	46
..do.....	Chicago.....	1901	4	.....	.....	216	4,030	4,030
Painters.....	Decatur.....	1901	1	.....	.....	45	60	60
Blacksmiths.....	Chicago.....	1901	1	.....	.....	41	.....	.....
Freight handlers.....	..do.....	.....	5	.....	.....	2,660	4,162	3,222
United metal workers.....	..do.....	.....	1	.....	.....	100	225	225
Wood workers.....	..do.....	.....	4	.....	.....	56	258	258
Wood block pavers.....	..do.....	.....	1	.....	.....	30	70	.....
Cigar makers.....	Kankakee.....	.....	1	.....	.....	8	9	7
Tin, iron and steel workers.....	Granite City.....	.....	1	.....	.....	24	25	26
Rubber workers.....	Chicago.....	.....	1	.....	.....	32	307	307
Bakers and confectioners.....	East St. Louis.....	.....	1	.....	.....	25	45	45
Barbers.....	Carlinville.....	.....	1	.....	.....	8	8	1
Teamsters.....	Centralia.....	.....	1	.....	.....	26	32	32
Totals.....	.....	.....	17	592	11	509	1,555	853
Bakers and confectioners.....	Belleville.....	*	1	.....	.....	17	16	16
Bricklayers.....	Decatur.....	*	1	.....	.....	22	27	27
Brush makers.....	Springfield.....	*	1	.....	.....	30	50	50
Carpenters.....	Chicago.....	*	1	.....	.....	80	85	85
..do.....	Centralia.....	*	1	.....	.....	40	70	70
Conductors.....	Chicago.....	*	1	.....	.....	84	690	.....
Engineers.....	Rock Island.....	*	1	.....	.....	22	78	78
Miners.....	Chicago.....	*	2	.....	.....	25	196	196
..do.....	Ledford.....	*	1	.....	.....	75	140	133
..do.....	Georgetown.....	*	1	.....	.....	60	30	85
Team drivers.....	Lebanon.....	*	1	.....	.....	.....	30	.....
Wood workers.....	Rock Falls.....	*	1	.....	.....	10	22	22
Holisting engineers.....	Murphysboro.....	*	1	.....	.....	.....	14	14
..do.....	Chicago.....	*	1	.....	.....	22	62	62
Sheet metal workers.....	Elgin.....	*	1	.....	.....	10	15	15

* Year not reported.

RECAPITULATION.

YEAR ORGANIZED.	ORGANIZATIONS.			MEMBERSHIP—		
	Unions.	Cumulative number.	Number of trades.	Charter.	In 1901.	Employed in 1901.
Totals	592	.....	337	22,923	140,733	121,969
1852.....	2	2	2	46	2,700	2,450
1858.....	2	4	2	7	438	398
1861.....	1	5	1	14	1,024	1,024
1862.....	1	6	1	14	58	50
1865.....	1	7	1	14	22	.....
1867.....	2	9	2	61	1,071	1,076
1870.....	2	11	2	7	864	864
1872.....	2	13	2	41	483	445
1873.....	6	19	5	74	1,817	1,782
1874.....	2	21	2	41	669	620
1875.....	2	23	2	17	500	500
1878.....	4	27	4	219	6,201	5,984
1879.....	3	30	3	106	3,718	3,714
1880.....	4	34	2	126	256	250
1881.....	5	39	4	88	595	594
1882.....	9	48	9	366	2,347	1,690
1883.....	11	59	6	224	1,534	1,633
1884.....	3	62	3	46	395	395
1885.....	7	69	6	172	1,664	1,364
1886.....	17	86	10	512	3,294	3,100
1887.....	12	98	7	1,811	6,835	5,794
1888.....	3	101	3	58	127	127
1889.....	13	114	10	675	3,736	3,194
1890.....	22	136	15	385	6,284	3,560
1891.....	13	149	11	432	4,964	4,536
1892.....	24	173	19	470	4,020	3,908
1893.....	15	188	9	642	2,945	2,461
1894.....	30	208	11	1,029	2,624	2,398
1895.....	12	220	9	271	1,027	980
1896.....	16	236	12	368	6,538	4,524
1897.....	55	291	22	4,030	12,573	12,362
1898.....	45	336	24	1,927	7,213	6,527
1899.....	56	392	30	1,913	11,747	11,261
1900.....	56	448	25	3,294	12,491	12,268
1901.....	127	575	41	12,925	26,344	28,503
Year not reported.....	17	592	11	509	1,585	853

This table shows the name, location, date of organization, number of unions organized each year, number of trades represented, number of charter members, number of members in 1901 and the number employed in that year. The recapitulation of this table shows by years the progress of the 592 unions during the 50 years covered by the table. Of the 592 unions, 17 failed to report the year in which organized. During the last five years, it is seen that 339 or 58.96 per cent of the number reporting were organized, reporting a membership in 1901 of 70,368 or 50.56 per cent of the whole number.

Observing the number reported as being employed in 1901 it is found that this aggregates 131,969 or 93.77 per cent of the membership in that year. However, there may be an element of uncertainty as to this number, and it may be properly assumed that the number employed was more rather than less than the number reported.

The following table presents the full history of each organization by industries and location:

TABLE NO. 2—*Organization, Membership and Employment, by Trades.*

TRADES AND LOCATION.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.
				1897	1901		
Grand totals.....	592	.....	22,333	57,315	140,733	131,969	4,598
Bakers and confectioners.....	7	.....	461	252	1,366	1,366	2
East St. Louis.....		1901	36		46	45	
Belleville.....			17		16	16	
Alton.....		1900	7		12	10	2
Chicago.....		1902	53		600	600	
..do.....		1902	213				
..do.....		1896	60	160	525	525	
..do.....		1892	76	102	170	170	
Barbers.....	7	.....	94	87	234	225	
Elgin.....		1899	12		32	30	
Taylorville.....		1899	10		36	35	
Decatur.....		1897	15	27	41	41	
Carlinville.....		1901	8		8	1	
Pontiac.....		1899	10		15	15	
Aurora.....		1901	20		29	99	
Peoria.....		1891	19	60	74	74	
Blacksmiths.....	4	.....	84	396	524	189	19
Chicago.....		1892		224	281		
..do.....		1896	15	162	197	177	19
..do.....		1900	28		46	12	
..do.....		1901	41				
Boot and shoe makers.....	2	.....	150		814	814	
Dixon.....		1901	150		114	114	
Chicago.....		1899			700	706	

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.
				1897	1901		
Brass workers.....	2		20	63	507	425	.....
Pullman.....		1896	22	.....	260	250	.....
Chicago.....		1892	7	63	257	175	.....
Brewers and malsters.....	7		103	925	1,289	1,329	50
LaSalle.....		1895	16	20	42	42	.....
Mendota.....		1895	.....	7	6	6	.....
Quincy.....		1898	24	24	27	27	.....
New Athens.....		1896	5	9	9	9	.....
Chicago.....		1891	40	850	745	695	50
..do.....		1897	18	25	940	940	.....
..do.....		1901	.....	.....	120	120	.....
Brick makers.....	4		85	57	156	149	21
Streator.....		1901	25	.....	62	62	.....
Pekin.....		1901	15	.....	10	15	.....
Kewanee.....		1901	17	.....	20	30	.....
Shermerville.....		1897	18	57	64	43	21
Brick, tile and terra cotta.....	29		1,399	525	2,305	2,332	12
Streator.....		1901	15	.....	.....	40	.....
Pullman.....		1897	20	20	70	70	.....
Bernice.....		1897	25	25	58	58	.....
Blue Island.....		1894	150	175	250	250	.....
Dalton.....		1897	70	70	105	105	.....
Kensington.....		1901	42	.....	72	72	.....
Chicago.....		1898	112	.....	252	252	.....
Belleville.....		1898	45	45	70	70	.....
Collinsville.....		1898	10	.....	20	20	.....
Springfield.....		1898	75	.....	200	200	.....
Peoria.....		1899	50	.....	100	100	.....
Edwardsville.....		1900	20	.....	28	28	.....
Streator.....		1901	40	.....	60	60	.....
Kewanee.....		1901	27	.....	32	32	.....
Pekin.....		1901	10	.....	17	17	.....
Streator.....		1901	40	.....	43	43	.....
Griffin.....		1901	30	.....	34	34	.....
East Peoria.....		1901	20	.....	35	35	.....
Chicago.....		1897	70	70	100	100	.....
Evanston.....		1901	120	.....	150	150	.....
Shermerville.....		1897	44	.....	60	60	.....
Blue Island.....		1900	50	.....	60	60	.....
Glen Carbon.....		1896	73	.....	90	90	.....
Quincy.....		1897	20	.....	50	50	.....
Randall.....		1901	86	.....	120	120	.....
Streator.....		1901	24	.....	45	45	.....
Jacksonville.....		1901	36	.....	42	42	.....
Chicago.....		1890	14	58	63	63	.....
..do.....		1892	21	52	78	65	12
Broom makers.....	2		20	25	98	85	8
Aurora.....		1901	5	.....	5	5	.....
Chicago.....		1897	15	25	88	80	8
BUILDING TRADES—35.							
Bricklayers.....	11		224	2,572	2,500	2,378	23
Quincy.....		1897	20	23	36	36	.....
East St. Louis.....		1900	12	.....	60	.....	.....
LaSalle.....		1891	24	26	44	35	9
Decatur.....		.....	22	.....	27	27	.....
Rock Island.....		1897	20	20	61	55	5
Pontiac.....		1901	17	.....	17	8	9
Highwood.....		1897	18	29	28	.....	.....
Bloomington.....		1892	15	.....	30	30	.....
Springfield.....		.....	30	24	50	50	.....
Chicago.....		1879	15	2,400	2,100	2,100	.....
Belleville.....		1890	20	20	27	27	.....

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.
				1897	1901		
Carpenters and joiners.....	47		2,975	10,406	14,530	12,327	1,054
Murphysboro.....		1900	23		65	40	86
Madison.....		1900	18		111	111	
Mascontah.....		1901	12		13	13	
East St. Louis.....		1886	24	96	178	200	
Collinsville.....		1889	12	20	55	55	
Pekin.....		1900	15		73	73	
Chillicothe.....		1901	12		15	15	
Ottawa.....		1900			67	67	
New Baden.....		1900	17		21	21	
Kewanee.....		1900	30		66	65	
Bloomington.....		1899	38		167	150	
Herrin.....		1900	89		50	50	
Centralia.....			40		70	70	
Salem.....		1901	16		15		
Marissa.....		1901	21		26	24	3
Peru.....		1898	32	15	43	43	
Rockford.....		1901	10		140	140	
Toluca.....		1901	38		24	38	
Moline.....		1896	12		129	129	
Elgin.....		1899	23		50	50	
Spring Valley.....		1900	10		30	30	
Belleville.....		1899	30	72	112	105	7
East St. Louis.....		1886	15	200	325	325	
Alton.....		1899	22		119	100	19
Oakland.....		1887			119	82	
Evanston.....		1887			52	52	
Chicago.....		1887	14	82	128	128	
..do.....		1887	1,642	4,200	5,700	4,700	1,000
..do.....		1896	27		137	137	
Austin.....		1898	15		126	126	
Chicago.....		1896	12	42	52	52	
Pullman.....		1894	17	68	61	61	
Chicago.....		1893	52	240	277	277	
..do.....		1894	42	314	361	361	
..do.....		1893	16	210	242	242	
..do.....		1893	62	301	342		
..do.....			84	640	690		
..do.....		1892	22	110	130	130	
..do.....		1891	114	196	244	244	
..do.....		1891	44	88	85		
..do.....		1890	24	640	682	682	
..do.....		1889	45	585	602	602	
..do.....		1889	25	214	236	236	
..do.....		1886	68	110	130	130	
..do.....		1884	15	147	230	230	
..do.....		1882	46	860	917	917	
..do.....		1861	14	956	1,024	1,024	
Gravel Roofers.....	1						
Chicago.....		1889	26	287	315	315	
Hod Carriers.....	4		286	3,815	6,315	6,022	298
Chicago.....		1891	46	2,450	2,930	2,637	293
..do.....		1893	62	300	386	386	
..do.....		1897	101	740	2,200	2,200	
..do.....		1897	76	325	800	800	
Lathers.....	3		69	421	514	232	
Joliet.....		1899	16		15	15	
Chicago.....		1889	42	421	492	210	
Bloomington.....		1900	11		7	7	

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.
				1897	1901		
Painters	21		784	2,039	4,061	2,225	45
Peoria.....		1899	51		137	125	17
Elgin.....		1899	24		60	60	
Decatur.....		1901	45		60	60	
Streator.....		1899	19		53	50	
Ottawa.....		1900	26		19	19	
Kankakee.....		1900	22		22	22	
Joliet.....		1898	49		54	54	
Chicago.....		1894	36	32	105	105	
..do.....		1890	16	700	712		
..do.....		1891	46	328	420	420	
..do.....		1894	36	81	96	96	
..do.....		1890	37	236	316	316	28
..do.....		1892	10	990	990	990	
..do.....		1896	52		65	65	
..do.....		1890	75	60	60	60	
..do.....		1892	42	289	370	370	
Evanston.....		1896	33	97	150	150	
Chicago.....		1894	24	122	150	150	
..do.....		1896	16	57	141	141	
Belleville.....		1891	20	15	37	37	
Chicago.....		1898	75		75	75	
Plasterers.....	4		121	400	497	494	3
Bloomington.....		1898	11		16	16	
Joliet.....		1898	10		12	9	3
Streator.....		1899	15		19	19	
Chicago.....		1878	95	400	450	450	
Plumbers.....	4		62	769	990	696	300
Champaign.....		1899	8		9	15	
Chicago.....		1897	18	145	154	154	
..do.....		1895	16	600	900	600	300
Peoria.....		1892	21	22	27	27	
Butchers and meat cutters.....	10		1,265		2,800	3,800	
Chicago.....		1901	25		250	250	
..do.....		1901	75		300	300	
..do.....		1901	200		900	900	
..do.....		1901	65		150	150	
..do.....		1901	175		250	250	
..do.....		1901	90		250	250	
..do.....		1900	250		650	650	
..do.....		1901	50		250	250	
..do.....		1901	900		900	900	
..do.....		1901	35		100	100	
Cigar makers.....	23		481	2,106	2,699	2,450	60
Belvidere.....		1896	10	16	34	34	
Alton.....		1881			47	45	2
Kewanee.....		1898	7		28	28	
Centralia.....		1898	8		16	19	
Chicago.....		1894	17	30	35	35	12
Kankakee.....		1901	8		9	7	
Streator.....		1896	8		34	34	
Canton.....		1895	7	21	61	55	6
Murphysboro.....		1900	7		12	12	
Springfield.....		1890	25	80	92	90	2
Ottawa.....		1890	25	43	52	52	
Danville.....		1890		27	52	49	4
Chicago.....		1885	36	40	43	43	
..do.....		1882	56	120	172	162	12
..do.....		1894	26	29	37	37	
..do.....		1878	100	1,397	1,601	1,394	15
Pekin.....		1886	18	26	34	32	1
Peoria.....		1881	20	101	112	112	

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organ- ized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemploy- ed in 1901.
				1897	1901		
Cigar makers—Unconcluded.							
Havana.....		1894	10	11	12	12	.....
Blue Island.....		1896	12	22	25	25	.....
Chicago.....		1892	11	14	28	28	.....
Decatur.....		1879	30	53	93	94	3
Bloomington.....		1887	.....	45	62	60	3
CLERICAL TRADES—30.							
Hotel, etc., waiters.....	3	.....	26	150	196	194	2
DuQuoin.....		1901	15	.....	15	12	3
Murphysboro.....		1900	11	.....	31	31	.....
Chicago.....		1878	.....	150	150	150	.....
Postoffice clerks.....	1	.....	.....	.....	.....	.....	.....
Chicago.....		1890	25	.....	220	230	.....
Railway clerks.....	1	.....	.....	.....	.....	.....	.....
Chicago.....		1901	80	.....	640	640	.....
Retail clerks.....	25	.....	1,061	.....	1,708	1,656	2
Centralia.....		1900	63	.....	56	56	.....
Kewanee.....		1898	120	.....	80	60	.....
Murphysboro.....		1899	29	.....	69	59	.....
Alton.....		1900	16	.....	85	85	.....
Aurora.....		1898	29	.....	18	16	2
Decatur.....		1901	65	.....	60	.....	.....
La Salle.....		1898	29	.....	100	100	.....
Chicago.....		1891	45	.....	80	80	.....
..do.....		1901	22	.....	45	45	.....
..do.....		1901	65	.....	170	170	.....
..do.....		1901	87	.....	60	60	.....
..do.....		1901	50	.....	80	80	.....
..do.....		1901	20	.....	50	50	.....
..do.....		1901	25	.....	60	60	.....
..do.....		1901	28	.....	70	70	.....
..do.....		1900	20	.....	50	50	.....
..do.....		1901	50	.....	76	76	.....
..do.....		1901	25	.....	76	76	.....
..do.....		1901	29	.....	50	50	.....
..do.....		1901	60	.....	74	74	.....
..do.....		1901	44	.....	87	87	.....
..do.....		1901	35	.....	55	55	.....
..do.....		1901	20	.....	40	40	.....
..do.....		1901	55	.....	125	125	.....
..do.....		1901	17	.....	32	32	.....
Coopers.....	7	.....	120	311	386	372	46
Alton.....		1890	14	17	21	21	.....
East St. Louis.....		1891	19	43	60	53	.....
Peoria.....		1899	34	.....	196	150	46
Chicago.....		1890	.....	97	260	.....	.....
..do.....		1899	23	.....	47	47	.....
..do.....		1894	16	92	200	.....	.....
..do.....		1897	24	62	102	102	.....
Electrical workers.....	4	.....	102	414	1,053	928	254
Chicago.....		1890	20	247	360	360	.....
..do.....		1892	26	102	490	325	240
..do.....		1897	46	65	62	83	14
..do.....		1898	.....	.....	161	161	.....
Elevator constructors.....	2	.....	95	111	906	906	.....
Chicago.....		1897	80	111	206	205	.....
..do.....		1899	15	.....	600	600	.....

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Unemployed in 1901.	Employed in 1901.
				1897	1901		
Letter Carriers.....	6	.....	46	656	1,369	137	.....
Streator.....	1892	6	7	7	7	.....
Mattoon.....	1895	14	4	5	5	.....
Peoria.....	1890	14	.....	22	.....	.....
Chicago.....	1897	15	37	125	125	.....
Belleville.....	1891	7	8	10	.....	.....
Chicago.....	1890	.....	600	1,200	.....	.....
Machinists.....	23	.....	524	1,510	3,555	2,658	866
Elgin.....	1892	12	125	93	93	.....
Aurora.....	1892	34	89	140	98	.....
Springfield.....	1898	42	.....	52	50	.....
Belleville.....	1893	14	17	41	38	8
Chicago.....	1895	11	98	121	80	41
..do.....	1890	40	80	150	100	50
..do.....	1901	19	.....	46	30	16
..do.....	1893	24	141	162	75	87
Maywood.....	1892	18	101	116	116	.....
Chicago.....	1901	19	.....	42	42	.....
..do.....	1899	16	.....	78	60	18
..do.....	1893	16	122	141	141	.....
..do.....	1898	22	.....	166	100	66
..do.....	1882	14	167	202	110	92
..do.....	1890	16	123	525	800	225
..do.....	1886	42	231	320	175	145
..do.....	1900	17	.....	92	80	12
..do.....	1899	13	.....	180	144	36
..do.....	1899	10	.....	121	86	35
..do.....	1901	25	.....	75	75	.....
Bloomington.....	1865	14	16	32	.....	.....
..do.....	1867	36	200	460	465	40
..do.....	1901	50	.....	200	200	.....
Miners—Coal.....	61	.....	5,166	4,702	9,923	9,498	226
Lake Creek.....	1901	35	.....	45	30	.....
Hallidayboro.....	1897	150	185	280	275	5
Birkner Station.....	1894	30	32	80	80	.....
Herrin.....	1899	30	.....	100	100	10
Morris.....	1899	63	.....	69	53	18
Edwards.....	1899	25	.....	100	.....	.....
Pawnee.....	1898	21	.....	164	87	.....
Flat.....	1900	10	.....	25	25	.....
Chenoa.....	1891	15	.....	16	13	3
Elmwood.....	1899	40	.....	.....	.....	.....
Greenview.....	1897	35	45	157	140	10
Hanna City.....	1898	38	.....	45	45	.....
Kingston Mines.....	1898	145	.....	145	145	.....
Lenzburg.....	1897	34	34	58	55	.....
Spaulding.....	1897	90	100	120	101	.....
Lincoln.....	1901	15	.....	45	30	.....
Auburn.....	1897	24	46	287	287	.....
Ledford.....	75	.....	140	148	.....
Girard.....	1897	200	250	80	95	.....
Colchester.....	1889	190	.....	105	105	.....
Oglesby.....	1897	.....	.....	14	14	.....
DeSoto.....	1898	20	.....	135	130	5
Springfield.....	1900	.....	.....	19	25	8
New Baden.....	1898	15	.....	200	200	.....
Mt. Vernon.....	1898	32	.....	60	60	.....
Kangley.....	1895	85	150	225	225	.....
Marion.....	1901	150	.....	50	35	.....
Spring Valley.....	1897	40	547	620	620	.....
Bartonville.....	1899	39	.....	40	40	.....
Olin.....	1898	127	.....	200	190	.....
O'Fallon.....	1894	17	50	192	192	.....
Cable.....	1897	42	30	165	165	.....
Pekin.....	1899	.....	.....	85	.....	.....
Himrod.....	1897	23	30	200	200	.....
Glen Carbon.....	1894	350	378	425	431	.....
Preemption.....	1899	15	.....	25	15	.....

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organ- ized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemploy- ed in 1901.
				1897	1901		
Miners. Coal—Concluded.							
Georgetown			60	.....	90	85	5
Sorento		1897	27	85	204	213	1
Cartersville		1898	400	.....	285	285	.....
Rutland		1897	60	60	225	225	.....
Toluca		1897	15	40	150	150	.....
Astoria		1898	60	.....	140	140	.....
Springfield		1897	158	125	165	165	.....
Sparland		1900	26	.....	28	40	12
Sherrard		1899	.....	.....	258	250	8
Auburn		1901	82	.....	70	35	35
Belleville		1897	60	70	260	230	30
..do		1894	150	180	200	200	40
..do		1897	270	346	497	497	.....
O'Fallon		1897	43	66	60	60	.....
St. David		1897	40	69	125	125	.....
Duquoin		1897	78	115	463	463	.....
Murphysboro		1897	720	720	540	540	.....
Sparta		1897	36	36	23	23	.....
..do		1897	117	168	160	160	.....
Caseyville		1894	40	60	82	60	21
Collinsville		1897	340	490	712	712	.....
Freeburg		1893	39	60	110	110	.....
Marissa		1897	63	135	225	225	.....
Sparta		1898	25	.....	75	60	15
Paisley		1898	35	.....	60	60	.....
Musicians	3	.....	106	40	2,148	2,096	.....
Jacksonville		1901	46	.....	46	46	.....
Bloomington		1897	40	40	52	.....	.....
Chicago		1898	20	.....	2,050	2,050	.....
PRINTING TRADES—25.							
Pressmen	14	.....	179	4,187	5,847	5,482	340
Danville		1887	9	15	40	35	5
Kewanee		1897	7	7	10	10	.....
Canton		1897	.....	.....	15	.....	.....
Chicago		1896	7	17	88	88	.....
..do		1852	7	1,800	2,400	2,200	200
..do		1874	25	325	565	520	35
..do		1895	12	.....	145	145	.....
..do		1892	7	200	325	325	.....
..do		1896	25	1,700	2,000	1,900	100
Elgin		1901	18	.....	20	20	.....
Alton		1890	10	18	20	20	.....
Chicago		1901	35	.....	35	35	.....
..do		1901	17	.....	86	86	.....
Peoria		1858	.....	105	98	98	.....
Stereotypers	1	.....	.....	.....	.....	.....	.....
Chicago		1885	20	90	120	120	.....
Typographical	9	.....	131	376	385	353	35
Peru		1901	17	.....	17	17	.....
Decatur		1883	26	38	33	36	.....
Elgin		1899	16	.....	28	28	.....
Bloomington		1872	16	42	59	59	.....
Quincy		1862	14	51	58	50	8
Chicago		1894	7	60	40	40	.....
..do		1890	8	35	32	30	2
..do		1873	16	150	100	75	25
Belleville		1898	11	.....	18	18	.....

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organ- ized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemploy- ed in 1901.
				1897	1901		
RAILROAD EMPLOYEES—68.							
Conductors	12		248	951	1,288	1,380	6
Galesburg		1883	38				96
Aurora		1883	18	56	89	89	2
Rock Island			23		78	78	
Peoria		1883	33	67	63	63	
Clinton		1901	20		26	26	
Alton		1898	16		21	21	
Chicago		1875	17	73	124	124	
Blue Island		1873	12	260	275	275	
Chicago		1873	12	342	384	384	
..do		1874	16	62	104	100	4
Mattoon		1883	10	50	60	60	
Peoria		1883	33	41	64	64	
Engineers	17		230	787	935	930	5
Clinton		1889	19	40	55	50	5
Blue Island		1892	14	40	37	37	
Chicago		1891	12	45	35	35	
..do		1885	14	47	53	53	
..do			12	70	76	76	
..do		1892	12	43	57	57	
..do			12	36	54	54	
..do		1883	14	66	43	43	
..do		1892	16	80	96	96	
..do		1890	12	30	52	52	
..do			12	40	66	66	
..do		1887	14	35	46	46	
..do		1888	14	40	45	35	
..do		1887	14	56	73	73	
Murphysboro		1890	22	32	63	63	
Peoria		1885		38	42	42	
..do		1889	17	49	52	52	
Firemen	17		437	1,234	1,457	1,447	4
East St. Louis		1894	15	34	60	50	4
Savanna		1873	12	48	58	58	
Chicago		1900	20	25	25	25	
..do		1892	30	50	25	25	
..do		1892	15	45	60	60	
Blue Island		1892	30	50	60	60	
Chicago		1900	35	35	35	35	
..do		1895	44	53	72	72	
..do		1895	50	56	40	40	
..do		1890	45	78	66	66	
..do		1890	12	15	30	30	
..do		1896	35	180	210	210	
..do		1886	20	186	230	230	
..do		1886	20	130	180	180	
..do		1886	20	25	30	30	
..do		1886	18	134	140	140	
Peoria		1887	16	90	136	136	
Freight handlers	5		2,660		4,162	3,232	
Chicago		1901	386		827	827	
..do		1901	572		765	765	
..do		1901	660		946	946	
..do		1901	462		694	694	
..do		1901	600		930		

Table No. 2—Continued.

TRADES AND LOCATION.	Number of Unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.
				1897	1901		
Switchmen	7	.....	161	14	1,139	1,135	4
Joliet.....	1899	53	.....	90	86	4
Savanna.....	1894	8	14	24	24	.....
Chicago.....	1898	20	.....	200	200	.....
Blue Island.....	1901	20	.....	150	150	.....
Chicago.....	1900	20	.....	200	200	.....
..do.....	1899	20	.....	250	250	.....
..do.....	1899	20	.....	225	225	.....
Trainmen	10	.....	200	925	1,338	1,328	10
Chillicothe.....	1889	14	55	60	50	10
Chicago.....	1893	20	120	184	184	.....
..do.....	1883	20	175	360	360	.....
..do.....	1888	20	60	65	65	.....
..do.....	1891	20	175	250	250	.....
..do.....	1892	20	76	131	131	.....
Blue Island.....	1893	20	85	80	80	.....
Chicago.....	1900	20	.....	40	40	.....
..do.....	1883	20	90	87	87	.....
Peoria.....	1885	26	89	81	81	.....
Stationary firemen.....	2	.....	18	35	300	295	5
Springfield.....	1899	8	.....	50	45	5
Chicago.....	1897	10	35	250	250	.....
Steam engineers.....	3	.....	130	963	2,115	515	.....
Quincy.....	1899	65	.....	25	25	.....
Chicago.....	1896	50	900	2,000	400	.....
Peoria.....	1898	15	63	90	90	.....
Steam fitters	2	.....	105	650	800	650	100
Chicago.....	1886	30	350	400	350	.....
..do.....	1889	75	300	400	300	100
Street car employés	6	.....	3,670	.....	5,125	9,125	.....
Belleville.....	1899	10	.....	150	150	.....
Chicago.....	1901	120	.....	275	275	.....
..do.....	1901	1,600	.....	4,000	4,000	.....
..do.....	1901	140	.....	300	300	.....
..do.....	1901	200	.....	400	400	.....
..do.....	1901	1,600	.....	4,000	4,000	.....
Team drivers.....	14	.....	868	90	15,718	15,688	.....
Pekin.....	1901	10	.....	46	46	.....
Mt. Olive.....	1899	7	.....	8	8	.....
Pinckneyville.....	1900	11	.....	22	22	.....
Joliet.....	1899	37	.....	50	50	.....
Centralia.....	1901	26	.....	32	32	.....
Lebanon.....	30	.....	.....
Chicago.....	1901	60	.....	730	730	.....
..do.....	1901	56	.....	900	900	.....
..do.....	1901	70	.....	1,400	1,400	.....
..do.....	1900	35	.....	600	600	.....
..do.....	1900	50	.....	6,000	6,000	.....
..do.....	1899	26	.....	4,000	4,000	.....
..do.....	1897	450	90	900	900	.....
..do.....	1901	30	.....	1,000	1,000	.....
Vessel unloaders.....	6	.....	258	1,683	5,119	4,959	50
Chicago.....	1858	7	260	340	290	50
..do.....	1878	24	700	4,000	4,000	.....
..do.....	1879	61	430	520	520	.....
..do.....	1884	15	50	45	45	.....
..do.....	1887	44	88	104	104	.....
..do.....	1882	104	155	110	.....	.....

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organ- ized.	Charter members	MEMBERSHIP IN—		Employed in 1901.	Unemploy- ed in 1901.
				1897	1901		
Wood block pavers.....	3		72	106	611	335	5
Chicago.....		1897	43	61	101	95	5
..do		1898	.....	105	240	240	.....
..do		1901	30	.....	70	.....	.....
Wood workers.....	15		177	2,421	2,935	2,662	.....
Rock Falls.....			10	.....	22	22	.....
East St. Louis.....		1899	15	.....	60	60	.....
Chicago.....		1898	10	193	240	240	.....
..do		1898	10	220	419	419	.....
..do		1898	10	475	845	845	.....
..do		1890	10	600	952	600	.....
..do		1890	10	290	290	290	.....
..do		1872	10	425	500	500	.....
..do		1897	10	34	52	52	.....
..do		1899	10	.....	60	60	.....
..do		1901	10	.....	60	60	.....
..do		1901	10	.....	60	60	.....
..do		1901	10	.....	100	100	.....
..do		1901	26	.....	28	28	.....
..do		1895	16	84	125	125	.....
MISCELLANEOUS—26.			1,269	2,153	5,968	5,695	203
Bill posters.....	1		25	.....	120	120	.....
Chicago.....		1898	.....	.....	.....	.....	.....
Box makers and sawyers.....	1		12	250	500	490	10
Chicago.....		1872	.....	.....	.....	.....	.....
Brush makers.....	1		80	80	85	85	.....
Chicago.....		.....	.....	.....	.....	.....	.....
Chandeller makers.....	1		16	.....	87	87	.....
Chicago.....		1898	.....	.....	.....	.....	.....
Cloth hat and cap makers.....	1		9	75	125	100	20
Chicago.....		1897	.....	.....	.....	.....	.....
Drainage layers and helpers.....	1		.....	.....	35	35	.....
Chicago.....		1899	.....	.....	.....	.....	.....
Egg inspectors.....	1		180	.....	225	225	.....
Chicago.....		1901	.....	.....	.....	.....	.....
Felt hatters.....	1		12	53	60	60	.....
Chicago.....		1892	.....	.....	.....	.....	.....
Glove makers.....	1		225	.....	225	180	105
Chicago.....		1901	.....	.....	.....	.....	.....
Gold beaters.....	1		21	52	64	64	.....
Chicago.....		1896	.....	.....	.....	.....	.....
Granite cutters.....	1		14	26	51	40	11
Chicago.....		1892	.....	.....	.....	.....	.....
Horse nail makers.....	1		95	.....	678	678	.....
Chicago.....		1899	.....	.....	.....	.....	.....
Horse shoers.....	1		25	700	611	611	.....
Chicago.....		1867	.....	.....	.....	.....	.....
Laundry workers.....	1		10	.....	10	10	.....
Litchfield.....		1901	.....	.....	.....	.....	.....
Mattress makers.....	1		25	170	230	230	.....
Chicago.....		1896	.....	.....	.....	.....	.....

Table No. 2—Continued.

TRADES AND LOCATION.	Number of unions.	Year organ- ised.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemploy- ed in 1901.
				1897	1901		
Miscellaneous—Concluded.							
Parquet floor workers..... Chicago.....	1	1899	30		120	120	
Pattern makers..... Chicago.....	1	1892	5	25	300	300	
Photo engravers..... Chicago.....	1	1898	7		366	150	
Railroad telegraphers..... Roscoe.....	1	1900	259		439	439	
Rubber workers..... Chicago.....	1	1901	22		307	307	
Stone cutters..... Chicago.....	1	1892	29	350	300	250	50
Stone derrickmen..... Chicago.....	1	1896	8	100	120	120	
Stone planers..... Chicago.....	1	1896	60	60	61	60	
Theatrical stage employés..... Chicago.....	1	1896	60	200	251	251	
Travelling salesmen..... Chicago.....	1	1892	11	300	373	373	
Watch case engravers..... Chicago.....	1	1900	8		20	20	
Type foundry..... Chicago.....	1	1884	10	102	120	120	

The information herein is quite complete as to every union excepting the membership for the year 1897. One of the main objects of the inquiry was to compare the returns in each particular for the years 1897 and 1901. The membership returned for the year 1897 is 57,315, this number is from 291 unions, or only 50 per cent of the whole number. The number of charter members reported is 32,933, these came from 569 unions, 23 unions failing to report. The number of persons reported unemployed is 4,593, this number comes from only 95 unions, these, with a few exceptions, are located in Chicago.

Table 3 is presented, following, which gives the same data by location of the unions, with two additional columns, giving the number of apprentices allowed in each union or trade, and the number employed in 1901:

TABLE No. 3—*Organization, Membership and Employment, by Location.*

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members	MEMBERSHIP IN—		Employed in 1901	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Grand totals	592	...	32,932	57,315	140,733	131,969	4,593	.....	6,842
Alton	9	.....	125	235	764	708	61	.....	122
Cigar makers	1881	.....	.....	.....	47	45	2	1 to 10	6
Bakers and confectioners	1900	.....	7	.....	12	10	2	.....	4
Tailors	1901	.....	15	.....	15	15	.....	.....	4
Retail clerks	1900	.....	16	.....	86	86	.....	.....	.....
Conductors	1898	.....	16	.....	21	21	.....	.....	.....
Glass blowers	1872	.....	25	300	424	336	88	1 to 10	99
Coopers	1890	.....	14	17	21	21	.....	.....	.....
Pressmen	1890	.....	10	18	20	20	.....	1 to 4	4
Carpenters and joiners	1899	.....	23	.....	119	100	19	No limit	5
Astoria	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners	1896	.....	60	.....	140	140	.....	.....	.....
Athens	1	.....	.....	.....	.....	.....	.....	.....	.....
Hoisting engineers	1900	.....	14	.....	16	19	.....	5	5
Auburn	2	.....	106	46	257	222	35	.....	41
Miners	1897	.....	24	46	287	287	.....	No limit	41
.. do	1901	.....	82	.....	70	35	35	.....	.....
Aurora	6	.....	115	145	301	257	2	22	26
Conductors	1893	.....	18	56	89	89	.....	.....	.....
Machinists	1892	.....	34	89	140	98	.....	28	28
Broommakers	1901	.....	5	.....	5	5	.....	.....	.....
Barbers	1911	.....	20	.....	29	29	.....	1	2
Retail clerks	1893	.....	29	.....	18	16	2	.....	.....
Stove mounters	1899	.....	9	.....	20	20	.....	3	6
Austin	1	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters and joiners	1898	.....	18	.....	126	126	.....	1 to 5	.....
Bartonville	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners	1899	.....	39	.....	40	40	.....	.....	.....
Belleville	17	.....	740	993	2,022	1,961	91	.....	124
Metal polishers	1899	.....	9	.....	26	26	.....	1 to 7	7
Iron molders	1881	.....	20	86	291	291	.....	1 to 8	48
Bakers and confectioners .....	.....	.....	17	.....	16	16	.....	14	5
Tailors	1900	.....	12	.....	13	13	.....	1 to 1	.....
Hoisting engineers	1896	.....	21	31	76	65	11	.....	.....
Street car employes	1899	.....	10	.....	150	150	.....	.....	.....
Machinists	1892	.....	14	17	41	38	3	1 to 5	9
Brick, tile, terra cotta	1896	.....	45	45	70	70	.....	.....	.....
Painters	1891	.....	20	18	27	27	.....	1 to shop	6
Carpenters and joiners	1899	.....	30	72	112	105	7	1 to 10	7
Typographical	1896	.....	11	.....	18	18	.....	5	5
Letter carriers	1891	.....	7	8	10	.....	.....	.....	.....
Glass bottle blowers	1894	.....	24	90	168	168	.....	1 to 15	42
Miners	1897	.....	60	70	260	230	30	.....	.....
.. do	1894	.....	150	180	300	200	40	.....	.....
.. do	1897	.....	270	346	497	497	.....	.....	.....
Bricklayers	1890	.....	20	30	37	37	.....	1	4

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Belvidere.....	1								
Cigar makers	1896	10	16	24	24	.....	1 to 5	2	
Berkner Station	1								
Miners	1894	30	32	80	80	.....		
Bernice	1								
Brick, tile, terra cotta.....	1897	25	25	58	58	.....		
Bloomington	8	145	143	426	322	8	.....	31	
Carpenters and joiners	1899	28	.....	167	150	.....	1 to 5	10	
Bricklayers and masons	1892	15	.....	30	30	.....	1 ea. firm	2	
Plasterers	1898	11	.....	16	16	.....	1 to shop	2	
Musicians	1897	40	40	52	.....	.....	
Typographical	1872	16	42	59	59	.....	1 to 5	6	
Lathers	1900	11	.....	7	7	.....	1 to 3	.....
Machinists	1893	14	16	22	.....	.....	
Cigars	1887	45	63	60	8	.....	1 to 5	10	
Blue Island	8	308	632	938	938	.....			5
Conductors	1873	12	260	275	275	.....		
Engineers	1892	14	40	37	37	.....		
Switchmen	1901	20	.....	150	150	.....		
Trainmen	1898	20	85	80	80	.....		
Firemen, railroad.....	1892	30	50	60	60	.....		
Brick, tile, terra cotta.....	1894	150	175	250	250	.....		
Brick, tile, terra cotta.....	1900	50	.....	60	60	.....		
Cigars	1896	12	28	36	36	.....	1 to 5	5	
Cable	1								
Miners	1897	42	30	165	165	.....		
Canton	2	7	21	76	55	6	.....	8	
Cigarmakers	1895	7	21	61	55	6	1 to 5	6	
Pressmen	1897	.....	.....	15	.....	.....		2	
Carlinville	1								
Barbers	1901	8	.....	8	1	.....	1 to shop	2	
Cartersville	1								
Miners	1898	400	.....	255	255	.....		
Caseyville	1								
Miners	1894	40	60	62	60	21			
Centralia	4	127	.....	174	177	.....			2
Cigars	1898	8	.....	16	19	.....	1 to 4	2	
Carpenters and joiners .....	.....	40	.....	70	70	.....		
Retail clerks	1900	53	.....	56	56	.....		
Team drivers	1901	28	.....	32	32	.....		
Champaign	2	26	14	29	26	.....			8
Plumbers	1899	8	.....	9	15	.....	1 to shop	6	
Tailors.....	1881	18	14	20	21	.....	1 to 1	2	
Chenoa	1								
Miners	1891	15	.....	16	12	8	.....	1	

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Chicago.....	273	....	20,887	44,193	110,307	102,904	3,778	.....	4,804
Cigars.....	1894	17	80	35	35	12	1 to 5	4	
Machinists.....	1895	11	98	121	80	41	1 to 5	25	
..do.....	1890	40	50	150	100	50	1 to 5	10	
..do.....	1901	19	46	80	30	16	1 to 5	8	
..do.....	1893	24	141	162	75	57	1 to 5	16	
..do.....	1901	19	....	42	63	....	1 to 5	8	
..do.....	1899	16	....	78	60	18	1 to 5	14	
..do.....	1893	16	123	141	141	....	1 to 5	12	
..do.....	1898	22	....	106	100	96	1 to 5	25	
..do.....	1892	14	167	262	110	92	1 to 5	15	
..do.....	1890	16	123	525	300	225	1 to 5	50	
..do.....	1886	42	251	320	175	145	1 to 5	60	
..do.....	1900	17	....	92	80	12	1 to 5	13	
..do.....	1899	13	....	180	144	36	1 to 5	....
..do.....	1899	10	....	121	96	25	1 to 5	20	
Cigars.....	1895	36	40	43	43	....	1 to 5	....
..do.....	1892	86	120	172	162	13	1 to 5	....
..do.....	1894	25	29	37	37	....	1 to 5	....
..do.....	1878	100	1,397	1,601	1,394	15	....	57	
Conductors.....	1875	17	73	124	124	....	....	....
Trainmen.....	1893	20	120	194	194	....	....	....
Conductors.....	1873	12	342	394	394	....	....	....
Trainmen.....	1883	20	175	360	360	....	....	....
..do.....	1888	20	60	65	65	....	....	....
..do.....	1891	20	175	250	250	....	....	....
..do.....	1892	20	76	121	121	....	....	....
Engineers.....	1891	12	45	35	35	....	....	....
..do.....	1895	14	47	53	53	....	....	....
..do.....	....	12	70	76	76	....	....	....
..do.....	1892	12	43	57	57	....	....	....
..do.....	....	12	36	54	54	....	....	....
..do.....	1883	14	66	43	43	....	....	....
..do.....	1892	16	80	96	96	....	....	....
..do.....	1890	12	30	52	52	....	....	....
..do.....	....	12	40	66	66	....	....	....
..do.....	1887	14	35	46	46	....	....	....
..do.....	1888	14	40	35	35	....	....	....
..do.....	1887	14	56	73	73	....	....	....
Switchmen.....	1898	20	....	300	200	....	....	....
..do.....	1900	20	....	300	300	....	....	....
..do.....	1899	20	....	250	250	....	....	....
..do.....	1899	20	....	225	225	....	....	....
Trainmen.....	1900	20	....	40	40	....	....	....
..do.....	1893	20	90	87	87	....	....	....
Conductors.....	1874	16	61	104	100	4	....	....
Firemen.....	1900	20	25	25	25	....	....	....
..do.....	1892	30	50	25	25	....	....	....
..do.....	1892	15	45	60	60	....	....	....
..do.....	1900	35	35	35	35	....	....	....
..do.....	1895	44	53	72	72	....	....	....
..do.....	1895	50	56	40	40	....	....	....
..do.....	1890	45	78	66	66	....	....	....
..do.....	1890	12	15	30	30	....	....	....
..do.....	1896	35	180	210	210	....	....	....
..do.....	1886	20	186	230	230	....	....	....
..do.....	1886	20	130	180	180	....	....	....
..do.....	1886	20	25	30	30	....	....	....
..do.....	1886	18	134	140	140	....	....	....
Teamsters.....	1901	60	....	730	730	....	....	....
..do.....	1901	56	....	900	900	....	....	....
..do.....	1901	70	....	1,400	1,400	....	....	....
..do.....	1900	35	....	600	600	....	....	....
..do.....	1900	50	....	6,000	6,000	....	....	....
..do.....	1899	25	....	4,000	4,000	....	....	....
..do.....	1897	450	90	900	900	....	....	....
..do.....	1901	30	....	1,000	1,000	....	....	....

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions. Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
			1897	1901			Allowed.	Employed in 1901.
Chicago—Continued.								
Boiler makers	1900	12		32	32		1 to 5	6
do	1900	12		21	21		1 to 5	4
do	1901	100		300	300		None	
do	1893	200	200	500	500			
do	1881	20	350	125	125		1 to 5	20
do	1901	12		22	22		1 to 5	4
do	1899	12		32	32		1 to 5	6
do	1898	15	40	88	88		1 to 5	8
Butchers and meat cutters	1901	25		250	250			
do	1901	75		300	300			
do	1901	200		800	800			
do	1901	65		150	150			
do	1901	175		250	250			
do	1901	90		250	250			
do	1900	250		650	650			
do	1901	50		250	250			
do	1901	300		800	800			
do	1901	35		100	100			
Garment workers, sp. order	1901	85		150	150			
do	1901	43		50	50			
do	1901	22		25	25			
do	1901	250		250	250			
do	1901	25		25	25			
do	1901	265		300	300			
do	1901	75		100	100			
do	1901	175		200	200			
do	1901	225		350				
do	1901	265		300	300			
do	1901	80		200	200			
do	1899	225		300	300			
do	1899	325		900	900			
do	1899	120		150	150			
do	1900	750		1,000	1,000			
do	1900	300		700	700			
do	1900	175		250	250			
do	1900	150		200	200			
do	1901	75		100	100			
Retail clerks	1901	46		80	80			
do	1901	33		45	45			
do	1901	65		170	170			
do	1901	37		60	60			
do	1901	50		80	80			
do	1901	30		50	50			
do	1901	35		60	60			
do	1901	28		70	70			
do	1900	20		50	50			
do	1901	50		75	75			
do	1901	35		75	75			
do	1901	30		50	50			
do	1901	60		74	74			
do	1901	44		87	87			
do	1901	35		55	55			
do	1901	30		40	40			
do	1901	55		125	125			
Architectural workers	1900	25		50	50		1 to 5	10
United metal workers	1901	100		225	225			
Machinists	1901	25		75	75			
Architectural workers	1900	100		225	225			30
do	1900	100		175	175			30
do	1900	10		75	75			
do	1900	100		175	175			
do	1890	16	185	210	210		1 to 2	105
Painters	1890	26	82	105	105		1 to 20	5
do	1894	16	700	712				
do	1891	46	328	420	420		1 to 20	21
Painters, glaziers	1894	36	81	95	95		1 to 20	5
Painters	1894	27	295	316	316	28	1 to 20	15
do	1892	10	890	960	960		1 to 20	103

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1887	1901			Allowed.	Employed in 1901.
Chicago—Continued.									
Painters	1898	52	65	65	65	1 to 20	3		
Painters, paper hangers	1880	75	60	60	60	1 to 20	18		
Painters	1893	42	289	370	370	1 to 20	7		
.. do	1894	24	122	150	150	1 to 20	7		
.. do	1895	16	87	141	141	1 to 20	7		
Brick, tile, terra cotta	1898	112	252	252	252				
.. do	1897	70	70	100	100				
Boot and shoemakers	1899	7	88	700	700	1 to 10			
Pressmen	1896	7	17	88	88	1 to 7	5		
Typographical	1894	7	60	40	40	1 to 10	15		
Pressmen	1852	7	1,800	2,400	2,200	1 to office	1		
Stereotypers	1885	20	90	120	120	1 to 10	6		
Typographical	1890	8	35	32	30	1 to 10	200		
Letter carriers	1897	15	37	125	125	1 to 5	4		
Typographical	1873	16	150	100	75	1 to 5	38		
Pressmen	1874	25	325	565	520	1 to 5	200		
.. do	1895	12	145	145	145	1 to 6	33		
.. do	1892	7	200	325	325	1 to 5	50		
.. do	1896	25	1,700	2,000	1,900	1 to 5	33		
Wood workers	1896	10	193	340	340	1 to 5	80		
.. do	1896	10	220	419	419	1 to 5	33		
.. do	1896	10	475	845	845	1 to 5	90		
.. do	1890	10	600	853	600	1 to 5	120		
.. do	1890	10	390	390	390	1 to 5	45		
.. do	1873	10	425	500	500	1 to 5	150		
.. do	1897	10	34	53	53	1 to 5	18		
.. do	1899	10	60	60	60	1 to 5	6		
.. do	1901	10	60	60	60	1 to 5	6		
Wood workers, mill	1901	10	60	60	60	1 to 5	5		
Wood workers, reed and rattan	1901	10	100	100	100	1 to 5	10		
Hod carriers	1891	46	2,450	2,930	2,637	293			
.. do	1893	62	300	385	385				
.. do	1897	101	740	2,200	2,200				
.. do	1897	76	325	800	800				
Electrical workers	1890	20	247	360	360				
.. do	1892	36	102	480	325	240	20		
Plumbers	1897	18	146	154	154	1 to 4	38		
Electrical workers	1897	46	65	82	82	1 to 10	8		
Lathers	1889	42	421	492	210				
Hoisting engineers	1890	22	56	62	62	None	None		
Brick, tile, terra cotta	1890	14	58	63	63	1 to 1	63		
Bridge workers, structural	1889	114	762	1,104	966	138			
Steam fitters	1886	30	350	400	350	400	400		
.. do	1889	75	300	400	300	100	400		
Brick, tile, terra cotta	1892	21	52	78	65	13			
Plasterers	1878	95	400	450	450	2 to shop	100		
Bricklayers	1879	15	3,400	3,100	3,100	70	60		
Plumbers	1885	16	600	800	500	300	40		
Sheet metal workers	1887	42	316	342	342	1 to 5	69		
Gravel roofers	1889	26	287	315	315	None			
Elevator constructors	1897	80	111	205	205	7	3		
Letter carriers	1890	600	1,200						
Cigar makers	1892	11	14	28	28	1 to 5	6		
Coopers	1890	97	260			1 to 7			
.. do	1899	23	47	47					
.. do	1894	16	92	200		1 to 7			
.. do	1897	24	62	102	102	1 to 7			
Street car employés	1901	120	275	275	275				
.. do	1901	1,600			4,000				

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901	Unemployed in 1901.	APPRENTICES.	
				1887	1901			Allowed.	Employed in 1901.
Chicago—Continued.									
Street car employés	1901	140	.....	300	300	.....	.....	.....	.....
.. do	1901	200	.....	400	400	.....	.....	.....	.....
.. do	1901	1,600	.....	4,000	4,000	.....	.....	.....	.....
Machinists	1867	36	200	460	465	40	.....	1 to 5	25
Carpenters and joiners	1887	14	82	128	128	.....	.....	No limit	97
.. do	1887	1,642	4,200	5,700	4,700	1,000	.....	1 to 5	.....
.. do	1898	27	.....	137	137	.....	.....	1 to 5	.....
.. do	1896	12	42	52	52	.....	.....	1 to 5	.....
.. do	1893	52	240	277	277	.....	.....	1 to 5	55
.. do	1894	42	314	361	361	.....	.....	1 to 5	72
.. do	1893	16	210	242	242	.....	.....	1 to 5	.....
.. do	1893	62	301	342	.....	.....	.....	1 to 5	.....
.. do .....	.....	84	640	690	.....	.....	.....	1 to 5	.....
.. do	1892	22	110	130	130	.....	.....	1 to 5	.....
.. do	1891	114	196	244	244	.....	.....	1 to 5	88
.. do	1891	44	88	85	.....	.....	.....	1 to 5	17
.. do	1890	34	640	682	682	.....	.....	1 to 5	136
.. do	1889	45	585	602	602	.....	.....	1 to 5	120
.. do	1889	25	214	236	236	.....	.....	1 to 5	47
.. do	1886	68	110	130	130	.....	.....	1 to 5	24
.. do	1884	18	147	230	230	.....	.....	1 to 5	40
.. do	1882	46	860	917	917	.....	.....	1 to 5	.....
.. do	1861	14	956	1,024	1,024	.....	.....	1 to 5	204
Iron molders.....	1882	42	23	321	250	175	1 to shop	.....	70
.. do	1892	7	230	525	525	.....	1 to 8	.....	66
.. do	1883	7	175	435	435	.....	1 to 8	.....	55
.. do	1898	65	.....	375	375	.....	1 to 8	.....	47
.. do	1897	7	117	380	380	.....	1 to 8	.....	47
Painters	1898	75	.....	75	75	.....	1 to shop	.....	6
Garment workers, cutters.....	1901	7	.....	200	200	.....	1 to 10	.....	20
Vessel unloaders.....	1858	7	260	340	290	50	.....	.....	.....
Elevator constructors.....	1899	15	.....	600	600	.....	.....	.....	.....
Garment makers.....	1901	60	.....	435	435	.....	.....	.....	.....
Broom makers.....	1897	15	35	88	80	8	7	.....	3
Wood workers.....	1901	26	.....	38	38	.....	.....	.....	.....
Leather workers.....	1899	12	.....	450	450	.....	1 to 10	.....	45
Stationary firemen.....	1897	10	35	250	250	.....	.....	.....	.....
Musicians.....	1898	20	.....	2,050	2,050	.....	.....	.....	.....
Postoffice clerks.....	1890	25	.....	220	220	.....	.....	.....	.....
Steam engineers.....	1896	60	900	2,000	400	.....	.....	.....	.....
Vessel unloaders.....	1878	24	700	4,000	4,000	.....	.....	.....	.....
Stove mounters.....	1893	14	28	50	.....	.....	4	.....	4
Hotel, etc., and waiters.....	1878	.....	150	150	150	.....	.....	.....	.....
Pressmen	1901	35	.....	35	35	.....	.....	.....	.....
.. do	1901	17	.....	86	86	.....	.....	.....	.....
Garment workers, cutters.....	1891	15	15	200	200	.....	1 to 25	.....	100
Wood workers.....	1895	16	84	135	135	.....	1 to 10	.....	13
Railway clerks.....	1901	80	.....	640	640	.....	.....	.....	.....
Electrical workers.....	1898	.....	.....	161	161	.....	.....	.....	.....
Retail clerks.....	1901	17	.....	32	32	.....	.....	.....	.....
Glass blowers.....	1898	42	.....	78	78	.....	No limit	.....	.....
Metal polishers.....	1899	30	.....	237	160	77	.....	.....	.....
Iron molders.....	1899	7	.....	130	130	.....	1 to 8	.....	17
Wood block pavers	1897	42	61	101	95	5	.....	.....	.....
.. do	1898	.....	105	240	240	.....	.....	.....	.....
.. do	1901	30	.....	70	.....	.....	.....	.....	.....
Machinists.....	1901	50	.....	200	200	.....	.....	.....	.....
Tailors.....	1870	7	425	764	764	.....	1 to 6	.....	70
Vessel unloaders.....	1879	61	430	520	520	.....	.....	.....	.....
.. do	1884	18	50	45	45	.....	.....	.....	.....
.. do	1887	44	88	104	104	.....	.....	.....	.....
.. do	1882	104	155	110	.....	.....	.....	.....	.....
Bakers and confectioners.....	1902	53	.....	600	600	.....	.....	.....	.....
.. do	1902	213	.....	.....	.....	.....	.....	.....	.....
.. do	1885	60	150	525	525	.....	1 to 156	.....	50
.. do	1892	75	102	170	170	.....	1 to 6	.....	.....
Brass workers.....	1882	7	63	257	175	.....	1 to 8	.....	35

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Chicago—Concluded.									
Blacksmiths.....	1882		224	281	Unk'w			1 to 1	140
.. do	1886	15	162	197	177	19		1 to 1	197
Blacksmiths, helpers.....	1900	28		46	12			1 to 1	
Blacksmiths.....	1901	41							
Freight handlers.....	1901	358		827	827				
.. do	1901	572		765	765				
.. do	1901	660		946	946				
.. do	1901	462		694	694				
.. do	1901	660		930					
Brewers and malsters.....	1891	40	860	745	695	50		1 to 10	35
.. do	1897	18	25	340	340			1 to 5	15
.. do	1901			130	120				
Chillicothe.....	2		26	55	75	65	10	2	22
Carpenters and joiners.....	1901	12		15	15			2	2
Trainmen, R. R.....	1889	14	55	60	50	10			20
Clinton.....	2		39	40	81	76	5		
Engineers, R. R.....	1889	19	40	55	50	5			
Conductors, R. R.....	1901	20		26	26				
Coal City.....	1	1							
Holisting engineers.....	1898	16	20	36	36	2		None	None
Colchester.....	1								
Miners.....	1899	190		105	105				
Collinsville.....	4		369	518	824	824			5
Carpenters and joiners.....	1889	12	20	55	55			1 to 10	5
Holisting engineers.....	1897	7	8	37	37				
Brick, tile, terra cotta.....	1898	10		20	20				
Miners.....	1897	240	480	712	712				
Dalton.....	1								
Brick, tile, terra cotta.....	1897	70	70	105	105				
Danville.....	3		24	42	107	96	9		20
Pressmen.....	1887	9	15	40	35	5		13	13
Tailors.....	1900	15		15	15			1 to 1	1
Cigars.....	1890		27	52	45	4		1 to 10	7
Decatur.....	7		209	148	324	273	3		24
Bricklayers and masons.....		23		27	27			7	4
Painters.....	1901	45		60	60			8	8
Typographical.....	1883	26	36	32	36			1 to 10	4
Holisting engineers.....	1900	6		15	15				
Barbers.....	1897	15	27	41	41			1 to shop	2
Retail clerks.....	1901	65		50					
Cigar makers.....	1879	30	59	96	94	3		2 to 10	6
DeSoto.....	1								
Miners.....	1898	20		135	135	5			7
Dixon.....	1								
Boot and shoe makers.....	1901	150		114	114				
Duquoin.....	2		93	115	478	476	2		
Hotel, etc., and waiters.....	1901	15		15	13	2			
Miners.....	1897	78	115	463	463				
East Peoria.....	1	1901	30		35				
Brick, tile, terra cotta.....									

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
East St. Louis.....	9	....	176	427	947	892	4	.....	89
Carpenters and joiners.....	1886	24	95	178	200	.....	11	11	3
Bricklayers and masons.....	1900	12	.....	60	.....	.....	1	.....	8
Firemen, R. R.....	1884	15	34	60	50	4	.....	45	.....
Woodworkers.....	1889	15	.....	60	60	.....	No limit	10	.....
Bakers and confectioners.....	1901	28	.....	45	45	.....	No limit	.....	.....
Iron molders.....	1897	8	25	81	81	.....	1 to 7	.....	.....
Glassblowers.....	1891	30	30	78	78	.....	1 to 15	14	.....
Carpenters and joiners.....	1886	18	200	325	325	.....	1 to 5	6	.....
Coopers.....	1891	19	43	60	58	.....	1 to 10	.....	.....
Edwards.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	1899	25	.....	100	.....	.....	.....	.....	.....
Edwardsville.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Brick, tile, terra cotta.....	1900	30	.....	28	28	.....	.....	.....	.....
Elgin.....	8	....	124	133	336	324	.....	.....	29
Machinists.....	1892	12	125	93	93	.....	.....	7	.....
Sheet metal workers.....	.....	10	.....	15	15	.....	.....	.....	.....
Painters.....	1899	24	.....	60	60	.....	1 to 5	.....	.....
Typographical.....	1899	16	.....	28	28	.....	1 to 5	4	.....
Tailors.....	1896	9	8	28	28	.....	1 to shop	.....	.....
Barbers.....	1899	12	.....	33	30	.....	15	3	.....
Carpenters and joiners.....	1899	23	.....	50	50	.....	1 to 5	12	.....
Pressmen, printing.....	1901	15	.....	20	20	.....	1 to 6	3	.....
Elmwood.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	1899	40	.....	Closed	.....	.....	.....	.....	.....
Evanston.....	4	....	168	111	364	362	2	.....	9
Sheet metal workers.....	1892	15	14	13	10	2	1 to 4	3	.....
Painters.....	1896	33	97	150	150	.....	1 to 20	6	.....
Brick, tile, terra cotta.....	1901	120	.....	150	150	.....	.....	.....	.....
Carpenters and joiners.....	1887	.....	.....	53	52	.....	1 to 5	.....	.....
Farmington.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Hoisting engineers.....	1901	25	.....	30	27	3	.....	.....	.....
Flatt.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	1900	10	.....	25	25	.....	.....	.....	.....
Freeburg.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	1893	39	60	110	110	.....	.....	.....	.....
Freeport.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Iron molders.....	1899	70	.....	83	83	.....	1 to 8	10	.....
Galesburg.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Conductors, R. R.....	1883	28	.....	.....	96	2	.....	.....	.....
Georgetown.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	.....	60	.....	90	85	5	.....	.....	.....
Girard.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	1897	200	250	80	95	.....	.....	.....	.....
Glen Carbon.....	2	....	423	378	515	521	.....	6	10
Miners.....	1894	350	378	423	431	.....	6	10	.....
Brick, tile, terra cotta.....	1896	73	.....	90	90	.....	.....	.....	.....
Glencoe.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Architectural iron workers.....	1900	120	.....	120	100	20	1 to 2	50	.....
Granite City.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Iron, tin and steel workers.....	1901	24	.....	36	36	.....	None	.....	.....

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Greenview	1	1897	35	45	157	140	10	.....	10
Miners	1	1897	35	45	157	140	10	.....	10
Griffin	1	1901	30	.....	34	34	.....	.....	.....
Brick, tile, terra cotta	1	1901	30	.....	34	34	.....	.....	.....
Hallidaboro	1	1897	160	185	280	275	5	.....	285
Miners	1	1897	160	185	280	275	5	.....	285
Hanna City	1	1898	33	.....	45	45	.....	.....	6
Miners	1	1898	33	.....	45	45	.....	.....	6
Harvey	1	1886	86	125	425	425	.....	1 to 8	45
Iron molders	1	1886	86	125	425	425	.....	1 to 8	45
Havana	1	1894	10	11	12	12	.....	3	3
Cigar makers	1	1894	10	11	12	12	.....	3	3
Herrin	3	.....	131	.....	166	166	10	6	3
Miners	1	1899	30	.....	100	100	10	.....	2
Carpenters and joiners	1	1900	89	.....	50	50	.....	6	1
Holisting engineers	1	1901	17	.....	16	16	.....	.....	.....
Highwood	1	1897	18	29	38	.....	.....	.....	1
Bricklayers and masons	1	1897	18	29	38	.....	.....	.....	1
Himrod	1	1897	23	30	200	200	.....	.....	4
Miners	1	1897	23	30	200	200	.....	.....	4
Jacksonville	2	.....	82	.....	88	88	.....	.....	3
Musicians	1	1901	46	.....	46	46	.....	2 to 12	3
Brick, tile, terra cotta	1	1901	36	.....	42	42	.....	.....	.....
Joliet	6	.....	219	102	300	293	6	4	32
Lathers	1	1899	16	.....	15	15	.....	3	1
Switchmen	1	1899	53	.....	90	86	4	.....	.....
Iron, steel and tin workers	1	1899	54	102	79	79	.....	None	.....
Plasterers	1	1898	10	.....	12	9	2	1	1
Team drivers	1	1899	37	.....	50	50	.....	.....	.....
Painters	1	1898	49	.....	54	54	.....	2 to shop	20
Kangley	1	1895	85	150	225	225	.....	.....	.....
Miners	1	1895	85	150	225	225	.....	.....	.....
Kankakee	2	.....	30	.....	32	30	.....	.....	2
Cigar makers	1	1901	8	.....	9	7	.....	1 to 5	.....
Painters	1	1900	22	.....	23	23	.....	1 to 5	2
Kensington	1	1901	42	.....	72	72	.....	.....	.....
Brick, tile, terra cotta	1	1901	42	.....	72	72	.....	.....	.....
Kewanee	6	.....	208	7	216	224	.....	.....	14
Cigar makers	1	1898	7	.....	28	28	.....	4	4
Carpenters and joiners	1	1900	30	.....	65	65	.....	1 to 4	8
Pressmen	1	1897	7	7	10	10	.....	4	2
Brick makers	1	1901	17	.....	20	20	.....	.....	.....
Retail clerks	1	1898	120	.....	60	60	.....	.....	.....
Brick, tile, terra cotta	1	1901	27	.....	33	33	.....	.....	.....
Kingston Mines	1	1898	145	.....	145	145	.....	.....	.....
Miners	1	1898	145	.....	145	145	.....	.....	.....
Lake Creek	1	1901	35	.....	45	30	.....	.....	.....
Miners	1	1901	35	.....	45	30	.....	.....	.....

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
LaSalle.....	3	....	79	56	186	177	9	.....	6
Bricklayers and masons.....	1891		24	26	44	25	9	2 ea. firm	.....
Brewers and Malsters.....	1896		16	20	42	42		1 to 30	.....
Retail clerks.....	1899		39		100	100			5
Lebanon.....	1								
Team drivers.....					30				
Ledford.....	1								
Miners.....			75		140	148			
Lensburg.....	1								
Miners.....	1897		34	24	58	55			
Lincoln.....	1								
Miners.....	1901		15		45	30			
Madison.....	1								
Carpenters and joiners.....	1900		18		111	111		1 to 10	.....
Marion.....	2		162		68	98			
Miners.....	1901		150		50	75			
Holisting engineers.....	1896		12		18	18			
Marissa.....	2		86	125	251	249	2	4	4
Carpenters and joiners.....	1901		21		26	24	2	4	4
Miners.....	1897		65	125	225	225			
Mascoutah.....	1								
Carpenters and joiners.....	1901		12		13	13		2	2
Mattoon.....	2		14	54	65	65			2
Letter carriers.....	1895		4	4	5	5			2
Conductors.....	1893		10	50	60	60			
Maywood.....	1								
Machinists.....	1892		18	101	116	116		1 to 5	12
Mendota.....	1								
Brewers and malsters.....	1896			7	6	6			
Moline.....	1								
Carpenters and joiners.....	1896		12		129	129		1 to 5	24
Morris.....	1								
Miners.....	1899		63		69	53	19		
Mt. Olive.....	1								
Team drivers.....	1899		7		8	8			
Mt. Vernon.....	1								
Miners.....	1896		33		60	60			
Murphysboro.....	7		812	752	784	759	26		4
Cigar makers.....	1900		7		12	12		1 to 5	2
Carpenters and joiners.....	1900		23		65	40	26		2
Holisting engineers.....					14	14			
Retail clerks.....	1899		29		59	59			
Hotel, etc. waiters.....	1900		11		31	31			
Miners.....	1897		720	720	540	540			
Engineers.....	1890		22	32	63	63			

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
New Athens.....	1								
Brewers and malsters.....	1896	5	9	9	9				
New Baden.....	2		32		221	221		4	17
Miners.....	1898	15		200	200			2	15
Carpenters and joiners.....	1900	17		21	21			2	2
Oakland.....	1								
Carpenters and joiners.....	1887			119	82			1 to 5	
Odin.....	1								
Miners.....	1898	127		200	190				
O'Fallon.....	2		60	116	252	252			10
Miners.....	1894	17	50	192	192				10
.. do ..	1897	43	66	60	60				
Oglesby.....	2		13		26	26			
Miners.....	1897			14	14				
Holisting engineers.....	1900	13		12	12				
Ottawa.....	3		51	43	138	138			20
Cigar makers.....	1890	25	43	52	52			1 to 5	6
Carpenters and joiners.....	1900			67	67			No limit	14
Painters.....	1900	26		19	19			1 to 3	
Paisley.....	1								
Miners.....	1898	35		60	60				
Pawnee.....	1								
Miners.....	1898	21		164	87				4
Pekin.....	6		68	26	265	194	1		15
Carpenters and joiners.....	1900	15		73	73				6
Brick makers.....	1901	15		10	15			No rule.	
Team drivers.....	1901	10		46	46				
Miners.....	1899			85					
Brick, tile, terra cotta.....	1901	10		17	17				
Cigar makers.....	1886	18	26	34	33	1	1 to 5		7
Peoria.....	16		402	773	1,330	1,250	63		57
Conductors, R. R.....	1883	33	67	63	63				
Painters.....	1899	51		137	125	17	1 to 5		25
Letter carriers.....	1890	14		22					
Brick, tile, terra cotta.....	1899	50		100	100				
Cigar makers.....	1881	30	101	112	112		2 to 10		8
Coopers.....	1899	24		196	150	46			
Plumbers.....	1892	21	23	27	27				
Barbers.....	1891	19	60	74	74		1 to shop		9
Pressmen.....	1858		105	98	98		1 to 10		15
Firemen, R. R.....	1887	16	90	136	136				
Steam engineers.....	1898	15	63	90	90				
Trainmen, R. R.....	1885	26	89	81	81				
Tailors.....	1882	53	47	36	36		1 to 1		
Conductors, R. R.....	1883	33	41	64	64				
Engineers, R. R.....	1885		38	42	42				
.. do ..	1889	17	49	52	52				
Peru.....	2		49	15	60	60			7
Typographical.....	1901	17		17	17		1 to 5		4
Carpenters and joiners.....	1893	32	15	43	43			4	3

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Pineknayville.....	1								
Team drivers.....	1900	11		23	23				
Pontiac.....	2		27		32	23	9		2
Bricklayers and masons.....	1901	17		17	8	9			
Barbers.....	1899	10		15	15		1 to shop		2
Preemption.....	1								
Miners.....	1899	15		25	15				
Pullman.....	4		101	88	455	381			30
Brick, tile, terra cotta.....	1897	20	20	70	70				
Carpenters.....	1894	17	68	61	61		1 to 5		
Iron molders.....	1900	41		74			1 to 2		
Brass workers.....	1898	23		250	250		1 to 8		30
Quincy.....	7		191	128	297	283	14		30
Bricklayers and masons.....	1897	30	33	38	36		1 to 5		3
Steam engineers.....	1899	65		25	25				
Brewers and maltsters.....	1898	24	24	27	27			2	2
Leather workers.....	1899	12		69	69		2 to 20		8
Typographical.....	1862	14	51	58	50	8	1 to 10		8
Sheet metal workers.....	1887	16	30	32	26	6	1 to 4		9
Brick, tile, terra cotta.....	1897	30		50	50				
Randall.....	1								
Brick, tile, terra cotta.....	1901	86		120	120				
Rock Falls.....	1								
Wood workers.....		10		22	22		1 to 5		
Rockford.....	2		72		221	218			11
Garment makers.....	1900	62		81	78				6
Carpenters and joiners.....	1901	10		140	140		1 to 5		5
Rock Island.....	3		53	180	229	233	5		16
Bricklayers and masons.....	1897	30	30	61	55	5	lea. firm		4
Conductors, R. R.....		23		78	78				
Iron molders.....	1870		150	100	100		1 to 8		12
Rutland.....	1								
Miners.....	1897	60	60	225	225				
St. David.....	1								
Miners.....	1897	40	69	125	125				
Salem.....	1								
Carpenters and joiners.....	1901	16		15			No rule		
Savanna.....	2		20	62	82	83			
Firemen, R. R.....	1873	12	48	58	58				
Switchmen.....	1894	8	14	24	24				
Shermerville.....	2		62	57	124	102	21		
Brickmakers.....	1897	18	57	64	42	21	No rule		
Brick, tile, terra cotta.....	1897	44		60	60				
Sherrard.....	2		8		272	262	10		1
Holisting engineers.....	1900	8		14	12	2	1 to 9		1
Miners.....	1899			258	250	8			

Table No. 3—Continued.

LOCATION AND NAME OF TRADE.	Number of unions.	Year organized.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
Sorrento.....	1								
Miners.....	1897	27	85	204	213				9
Sparland.....	1								
Miners.....	1900	26		28	40	12			
Sparta.....	3		178	204	258	243	15		
Miners.....	1897	36	36	23	23				
.. do.....	1897	117	168	160	160				
.. do.....	1898	25		75	60	15			
Spaulding.....	1								
Miners.....	1897	90	100	120	110				
Springfield.....	10		374	383	746	742	17		85
Cigarmakers.....	1880	25	80	92	90	2	1 to 5		20
Miners.....	1900			19	25	8	4		7
Garment makers.....	1899	12		22	22				
Stationary firemen.....	1899	8		50	45	5			
Machinists.....	1898	42		52	50		No limit		50
Hoisting engineers.....	1896		98	50	48	2			
Tailors.....	1894	24	46	46	47		1 to 4		
Bricklayers and masons.....		30	34	50	50		1 ea. firm		8
Miners.....	1897	158	125	165	165				
Brick, tile, terra cotta.....	1898	75		200	200				
Spring Valley.....	2		50	547	650	650			
Miners.....	1897	40	547	620	620				
Carpenters and joiners.....	1900	10		30	30				
Streator.....	11		299	7	680	718	2		19
Cigarmakers.....	1886	8		34	34		1 to 5		4
Glass workers.....	1901	76		340	340				6
Painters.....	1899	19		52	50	2	1 to 10		5
Brickmakers.....	1901	35		62	62				
Hoisting engineers.....	1898	11		18	18				
Letter carriers.....	1892	6	7	7	7		2		2
Brick, tile, terra cotta.....	1901	15			40				
Plasterers.....	1899	15		19	19		1		2
Brick, tile, terra cotta.....	1901	40		60	60				
.. do.....	1901	40		43	43				
.. do.....	1901	34		45	45				
Taylorville.....	1								
Barbers.....	1899	10		35	35		15		7
Toluca.....	2		53	40	174	188			
Miners.....	1897	15	40	150	150				
Carpenters and joiners.....	1901	38		24	38		No limit		
Upper Alton.....	1								
Glass blowers.....	1875		376	376	376	50	1 to 15		96
Wenona.....	1								
Hoisting engineers.....	1900	12		12	12		2		

Table No. 3—Concluded.

LOCATION AND NAME OF TRADE.	Number of unions	Year organized ...	(Charter members	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	APPRENTICES.	
				1897	1901			Allowed.	Employed in 1901.
MISCELLANEOUS—27.									
Chicago	24	....	1,000	3,051	5,494	5,076	206	.....	477
Bill posters	1898	25	....	130	130	....	....	....	....
Box makers and sawyers	1873	12	350	500	490	10	....	9	4
Brush makers .....	....	80	80	85	85	....	....	....	5
Chandler makers	1898	16	....	87	87	....	....	....	....
Cloth hat and cap makers	1897	9	75	125	100	30	1 to 8	....	11
Drainage layers and helpers	1899	....	....	35	35	....	....	....	35
Egg inspectors	1901	180	....	235	235	....	....	....	....
Felt hatters	1892	12	53	60	60	....	1 to 8	....	6
Glove makers	1901	225	....	285	180	105	....	....	....
Gold beaters	1886	21	52	64	64	....	1 to 4	....	13
Granite cutters	1882	14	36	51	40	11	1 to 4	....	12
Horse nail makers	1899	86	....	678	678	....	....	....	....
Horse shoers	1867	25	700	611	611	....	1 to shop	....	....
Mattress makers	1896	35	170	330	330	....	1 to shop	....	30
Parquet floor workers	1899	30	....	120	120	....	....	....	10
Pattern makers	1883	5	25	300	300	....	1 to 4	....	50
Photo engravers	1898	7	....	366	150	....	....	....	150
Rubber workers	1901	32	....	307	307	....	....	....	....
Stone cutters	1852	39	850	300	250	50	2 to 4	....	105
Stone derrickmen	1896	8	100	120	120	....	....	....	....
Stone planers	1896	60	60	61	60	....	1 to 6	....	....
Theatrical stage employes	1886	60	200	251	251	....	40	....	40
Traveling salesmen	1892	11	300	373	373	....	....	....	....
Watch case engravers	1900	8	....	20	20	....	1 to 2	....	6
Litchfield	1	....	....	....	....	....	....	....	....
Laundry workers	1901	10	....	10	10	....	....	....	....
Roscoe	1	....	....	....	....	....	....	....	....
Railroad telegraphers	1900	259	....	489	489	....	....	....	....
Chicago	1	....	....	....	....	....	....	....	....
Typefounders	1884	10	103	120	120	....	....	....	....

The total number of apprentices reported employed in 1901 is 6,842, of these 5,281 or 77.19 per cent are reported from Chicago, and 156 from 62 other localities.

A recapitulation of Table 2 follows, in which, as far as possible, the different trades are classified as to industries.

TABLE No. 4—*Recapitulation of Table No. 2.*

INDUSTRY AND TRADES.	Number of unions.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	Apprentices employed in 1901.
			1897	1901			
Grand totals	592	32,933	57,315	140,733	131,969	4,593	6,842
Totals	64	2,426	2,340	7,290	6,824	113	598
Bakers and confectioners	7	461	252	1,368	1,366	2	59
Barbers	7	94	87	234	225	.....	28
Blacksmiths	4	84	386	524	189	19	337
Boot and shoemakers	2	150	.....	814	814	.....	.....
Brassworkers	2	30	63	507	425	.....	65
Brewers and malsters	7	103	935	1,289	1,239	50	43
Brickmakers	4	85	57	156	149	21	.....
Brick, tile and terra cotta	29	1,399	525	2,305	2,332	13	63
Broommakers	2	20	35	93	85	8	3
Building trades	95	6,253	24,834	37,221	33,049	1,787	1,774
Bricklayers	11	234	3,592	3,500	3,378	23	90
Carpenters and joiners	47	2,975	10,405	14,530	12,327	1,064	1,054
Graveling roofing	1	26	287	315	315	.....	.....
Hod carriers	4	285	3,815	6,315	6,022	293	.....
Lathers	3	69	421	514	232	.....	1
Painters	21	724	3,039	4,061	3,335	45	255
Plasterers	4	131	400	497	494	2	105
Plumbers	4	63	769	990	696	300	74
Butchers and meat cutters	10	1,265	.....	3,800	3,800	.....	.....
Cigar makers	23	481	2,106	2,639	2,450	60	195
Clerical trades	30	1,509	986	5,538	4,816	304	36
Hotel, etc., waiters	3	26	150	196	194	2	.....
Postoffice clerks	1	25	.....	220	220	.....	.....
Railway clerks	1	80	.....	640	640	.....	.....
Retail clerks	25	1,061	.....	1,708	1,656	2	6
Coopers	7	120	311	896	373	46	.....
Electrical workers	4	102	414	1,083	928	254	28
Elevator constructors	2	95	111	805	805	.....	3
Garment workers	32	4,315	1,564	9,315	8,911	109	467
Cutters	1	15	15	200	200	.....	100
Garment makers	4	141	.....	738	735	.....	26
Garment workers, special order	19	3,630	.....	5,550	5,200	.....	.....
Tailors	8	153	540	937	939	.....	77
Glass blowers	6	197	796	1,464	1,426	88	258
Hoisting engineers	15	179	213	426	411	21	6
Iron trades	39	7,587	9,866	25,062	22,018	1,510	1,678
Architectural workers	7	471	185	1,030	1,010	20	225
Boilermakers	8	383	590	1,120	1,120	.....	48
Bridge workers, structural	1	114	762	1,104	966	138	.....
Iron molders	12	430	931	3,220	3,075	175	417
Iron, tin and steel workers	2	78	102	115	115	.....	.....
Metal polishers	2	39	.....	263	186	77	7
Sheet steel workers	4	83	360	401	393	8	80
Stove mounters	2	23	28	70	20	.....	10
United metal workers	1	100	.....	225	225	.....	.....

Table No. 4—Concluded.

INDUSTRY AND TRADES.	Number of unions.	Charter members.	MEMBERSHIP IN—		Employed in 1901.	Unemployed in 1901.	Apprentices employed in 1901.
			1897	1901			
Leather workers	2	24	.....	519	519	.....	53
Letter carriers	6	46	.....	1,369	1,377	.....	9
Machinists	23	524	1,510	3,555	2,655	866	413
Miners (U. M. W. A.)	61	5,166	4,702	9,923	9,498	226	413
Musicians	3	106	40	2,148	2,096	.....	3
Printing trades	25	330	4,653	6,352	5,955	375	418
Pressmen	14	179	4,187	5,847	5,482	340	360
Stereotypers	1	20	90	120	120	.....	15
Typographical	9	131	376	385	353	35	43
Railroad employes	68	9,234	9,919	43,842	44,701	189	1,394
Conductors	12	248	951	1,288	1,380	6	.....
Engineers	17	230	787	935	930	5	.....
Firemen	17	437	1,234	1,457	1,447	4	45
Freight handlers	5	2,660	.....	4,162	3,232	.....	.....
Switchmen	7	161	14	1,139	1,135	4	.....
Trainmen	10	200	925	1,338	1,328	10	20
Stationary firemen	2	18	35	300	295	5	.....
Steam engineers	3	130	963	2,115	515	.....	.....
Steamfitters	2	105	650	800	650	100	800
Street car employes	6	3,670	.....	5,125	9,125	.....	.....
Team drivers	14	868	90	15,718	15,688	.....	.....
Vessel unloaders	6	258	1,683	5,119	4,959	50	.....
Wood block pavers	3	72	166	411	335	5	.....
Wood workers	15	177	2,421	3,935	3,682	.....	529
Miscellaneous	27	1,279	3,153	6,113	5,695	206	477
Bill posters and billers	1	25	.....	130	130	.....	.....
Box making and sawing	1	12	350	500	490	10	4
Brush makers	1	80	80	85	85	.....	5
Chandeller makers	1	16	.....	87	87	.....	.....
Cloth hat and cap makers	1	9	75	125	100	30	11
Drainage layers and helpers	1	.....	.....	35	35	.....	35
Egg inspectors	1	180	.....	235	235	.....	.....
Felt hatters	1	12	53	60	60	.....	6
Glove makers	1	225	.....	285	180	105	.....
Gold beaters	1	21	52	64	64	.....	13
Granite cutters	1	14	36	51	40	11	12
Horse nail makers	1	86	.....	678	678	.....	.....
Horseshoers	1	25	700	611	611	.....	.....
Laundry workers	1	10	.....	10	10	.....	.....
Mattress makers	1	35	170	330	330	.....	30
Parquet floor makers	1	30	.....	120	120	.....	10
Pattern makers	1	5	25	300	300	.....	50
Photo engravers	1	7	.....	366	150	.....	150
Railroad telegraphers	1	259	.....	489	489	.....	.....
Rubber workers	1	32	.....	305	307	.....	.....
Stone cutters	1	39	850	300	250	50	105
Stone derrickmen	1	8	100	120	120	.....	.....
Stone planers	1	60	60	61	60	.....	.....
Theatrical stage employes	1	60	200	251	251	.....	40
Traveling salesmen	1	11	300	375	373	.....	.....
Type foundry	1	10	102	120	120	.....	.....
Watch case engravers	1	8	.....	20	20	.....	6

The following table gives the returns of working hours and wages of the 131,969 employés employed in 1901, with the hours and wages of 1897, also the increase of wages where this calculation could be made.

TABLE No. 5—*Employment, Hours and Wages, by trades and location.*

TRADES AND LOCATION.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Totals.....	592	131,969								
Bakers and confectioners..	7	1,366								
East St. Louis.....		45	10	\$2 50	\$15 00					
Belleville.....		16	10		12 75	12				
Alton.....		10	10		13 00	13				
Chicago.....		600	9		8 00					
..do.....			9	2 00	12 00			\$12 00		
..do.....		525	10	2 20	13 20	12	\$1 75	10 50	\$0 45	\$2 70
..do.....		170	10	2 25	13 50	12	1 75	10 50	50	3 00
Barbers.....	7	225								
Elgin.....		30	11	2 00	12 00	13	2 00	12 00		
Taylorville.....		35	13		10 00					
Decatur.....		41	12	2 00	12 00	12	2 00	12 00		
Carlinville.....		1	13		10 00					
Pontiac.....		15	12	2 00	12 00					
Aurora.....		29	12		12 00			12 00		
Peoria.....		74	10½			10½				
Blacksmiths.....	4	189								
Chicago.....			10	4 00		10	{ 3 00		1 00	
..do.....		177	10	4 00		10	{ 3 20		80	
..do.....		12	10	1 75			{ 3 00		1 00	
..do.....				1 75						
Boot and shoe makers.....	2	814								
Dixon.....		114	10		8 25					
Chicago.....		700	10	{ 1 50						
				{ 5 00						
Brass workers.....	2	425								
Pullman.....		250	10	3 00		10	2 50		50	
Chicago.....		175	10	3 00		10	2 50		50	
Brewers and malsters.....	7	1,239								
LaSalle.....		42	9		{ 12 00	10				
					{ 16 00					
Mendota.....		6	9		{ 14 00	9				
Quincy.....		27	10		{ 13 00	10		{ 13 00		
					{ 16 00			{ 16 00		
New Athens.....		9	10		{ 9 00	13		{ 9 00		4 00
					{ 16 00			{ 16 00		
Chicago.....		695			16 50			17 00		
..do.....		340	10		14 00	12		10 00		4 00
..do.....					7 00					
..do.....		120	10		12 00					

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901. OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Brick makers.....	4	149									
Streator.....		62	10	\$1 70	\$10 20	10					
Pekin.....		15	9			10					
Kankakee.....		30	8	1 84		10					
Shermerville.....		42	8	3 50		8	\$2 75		\$0 50		
Brick, tile and terra cotta ..	29	2,332									
Streator.....		40	9	1 65		10	1 25		40		
Pullman.....		70	8½	2 50		9½	2 25		25		
Bernice.....		68	8½	2 25		9½	2 00		25		
Blue Island.....		250	8½	2 50		9½	2 25		25		
Dalton.....		105	8½	2 50		9½	2 25		25		
Kensington.....		72	8½	2 50							
Chicago.....		252	8½	2 50		9½	2 25		25		
Belleville.....		70	8½	2 00		9½					
Collinsville.....		20	8½	2 00		9½					
Springfield.....		200	8½	2 00		9½					
Peoria.....		100	8½	2 00		9½					
Edwardsville.....		28	8½	2 00							
Streator.....		60	8½	2 00							
Kewanee.....		33	8½	2 00							
Pekin.....		17	8½	2 00							
Streator.....		43	8½	2 00							
Griffin.....		34	8½	2 00							
East Peoria.....		35	8½	3 00							
Chicago.....		100	8½	2 50		9½	2 25		25		
Evanston.....		150	8½	2 50							
Shermerville.....		60	8½	2 00		9½	1 75		50		
Blue Island.....		60	8½	2 50							
Glen Carbon.....		90	8½	2 00		9½	1 75		25		
Quincy.....		50	8½	2 00		9½	2 25		25		
Randall.....		120	8½	2 00							
Streator.....		45	8½	2 00							
Jacksonville.....		42	8½	2 00							
Chicago.....		63	8½	4 00		8	4 00				
..do.....		65	8	2 25		8	2 00		25		
Broom makers.....	2	85									
Aurora.....		5	10								
Chicago.....		80	9½		11 00	10		9 00		\$2 00	
BUILDING TRADES—35.											
Bricklayers.....	11	2,378									
Quincy.....		36	9	3 25		10	3 00		25		
East St. Louis.....		8		4 40							
LaSalle.....		25	9	4 05	24 00	9	3 60	21 60	45	2 40	
Decatur.....		27	9	4 05	24 30	10					
Rock Island.....		55	8	3 20		9	3 00		20		
Pontiac.....		8	9	4 05		9					
Highwood.....				4 50			4 05		45		
Bloomington.....		20	8	4 00		9	4 00				
Springfield.....		50	8	4 05		9	4 05				
Chicago.....		2,100	8	4 00		8	4 00				
Belleville.....		37	8	4 00		8	3 60		40		
Carpenters and joiners	47	12,327									
Murphysboro.....		40	8	2 00		10					
Madison.....		111	8	2 80							
Mascoutah.....		13	10	2 00							
East St. Louis.....		200	8	2 50		8	2 50				

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				[INCREASE IN WAGES, 1901, OVER 1897.]	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Carpenters, joiners—Con'd.											
Collinsville.....		55	8	\$2 50		9	\$2 25			\$0 25	
Pekin.....		78	9	2 75							
Chillicothe.....		15	10	2 25							
Ottawa.....		67	9	2 45							
New Baden.....		21	9	2 00		10	1 50			50	
Kewanee.....		65	9	2 50		10					
				2 40							
Bloomington.....		150	8	{ 2 80		10	{ 1 75			65	
				2 00			2 00			80	
Herrin.....		50	10	2 00	\$12 00						
Centralia.....		70	8	2 40		10					
Salem.....			8	2 00	12 00	10					
Marissa.....		24	9	2 25	12 50	10					
Peru.....		43	9	{ 2 40		9					
				2 90							
Rockford.....		140	10	2 00		10	1 75	\$10 50		25	
Toluca.....		38	10	{ 1 75							
				3 00							
Moline.....		129	8	2 45		9					
Elgin.....		50	9			10					
				2 50							
Spring Valley.....		30	9	{ 2 75							
				3 00							
Belleville.....		105	8	3 00		9					
East St. Louis.....		325	8	3 10		8					
Alton.....		100	8	2 40		10					
Oakland.....		82	8	3 40		8	3 00			40	
Evansston.....		52	8	3 40		8	3 00			40	
Chicago.....		128	8	3 40		8	3 00			40	
do.....		4,700	8	3 40		8	3 00			40	
do.....		137	8	3 40		8					
Austin.....		126	8	3 40							
Chicago.....		52	8	3 40		8	3 00			40	
Pullman.....		61	8 1/2	3 40		8	3 00			40	
Chicago.....		277	8 1/2	3 40		8	3 00			40	
do.....		361	8 1/2	3 40		8	3 00			40	
do.....		242	8 1/2	3 40		8	3 00			40	
do.....			8 1/2	3 40		8	3 00			40	
do.....			8 1/2	3 40		8	3 00			40	
do.....		130	8 1/2	3 40		8	3 00			40	
do.....		244	8 1/2	3 40		8	3 00			40	
do.....			8 1/2	3 40		8	3 00			40	
do.....		682	8 1/2	3 40		8	3 00			40	
do.....		602	8 1/2	3 40		8	3 00			40	
do.....		236	8 1/2	3 40		8	3 00			40	
do.....		130	8 1/2	3 40		8	3 00			40	
do.....		230	8 1/2	3 40		8	3 00			40	
do.....		917	8 1/2	3 40		8	3 00			40	
do.....		1,024	8 1/2	3 40		8	3 00			40	
Gravel roofers	1										
Chicago.....		315	8	3 40		8	2 80			60	
Hod carriers	4	6,022									
Chicago.....		2,637	8	2 80		8	2 40			40	
do.....		385	8	3 50		8	3 00			50	
do.....		2,200	8	2 80		8	2 40			40	
do.....		800		2 80			2 40			40	
Lathers	2	232									
Joliet.....		15	8	2 50		10	2 25			25	
Chicago.....		216	8	3 00		10	2 50			50	
Bloomington.....		7	8	3 30		9	3 00			30	

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions	1901				1897				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Painters	21	3,335									
Peoria.....		125	8	\$2 40	\$14 40	10	.....	.....	.....	.....	.....
Elgin.....		60	10	2 25	12 50	10	.....	.....	.....	.....	.....
Decatur.....		60	10	2 25	12 50	10	\$2 00	.....	\$0 25	.....	.....
Streator.....		50	8	2 40	.....	9	2 25	.....	15	.....	.....
Ottawa.....		19	10	2 50	15 00	.....	.....	.....	.....	.....	.....
Kankakee.....		23	10	2 50	.....	10	2 25	.....	25	.....	.....
Joliet.....		54	9	2 70	.....	10	.....	.....	.....	.....	.....
Chicago.....		105	8	2 20	.....	8	2 00	.....	20	.....	.....
do.....		.....	8	2 20	.....	8	2 80	.....	40	.....	.....
do.....		420	8	2 20	.....	8	2 00	.....	20	.....	.....
do.....		95	8	2 20	.....	8	2 00	.....	20	.....	.....
do.....		316	8	2 20	.....	8	2 00	.....	20	.....	.....
do.....		960	8	2 20	.....	8	2 00	.....	20	.....	.....
do.....		65	8	2 20	.....	8	.....	.....	.....	.....	.....
do.....		60	8	4 00	.....	8	.....	.....	.....	.....	.....
do.....		370	8	2 20	.....	8	2 00	.....	20	.....	.....
Evanston.....		150	8	2 20	.....	8	2 00	.....	20	.....	.....
Chicago.....		150	8	2 20	.....	8	2 00	.....	20	.....	.....
do.....		141	8	2 20	.....	8	2 00	.....	20	.....	.....
Belleville.....		37	9	2 50	.....	8	2 00	.....	50	.....	.....
Chicago.....		75	8	2 20	.....	8	2 00	.....	20	.....	.....
Plasterers	4	494									
Bloomington.....		16	8	2 60	.....	10	.....	.....	.....	.....	.....
Joliet.....		9	8	2 20	12 20	10	2 80	\$16 80	40	\$2 40	.....
Streator.....		19	8	4 00	24 00	.....	.....	.....	.....	.....	.....
Chicago.....		450	8	4 00	.....	8	2 50	.....	50	.....	.....
Plumbers	4	696									
Champaign.....		15	8	2 10	.....	8	.....	.....	.....	.....	.....
Chicago.....		154	8	4 00	.....	8	4 00	.....	.....	.....	.....
do.....		500	8	4 00	.....	8	2 75	.....	25	.....	.....
Peoria.....		27	8	2 50	.....	8	2 25	.....	25	.....	.....
Butchers and Meat Cutters.	10	2,800									
Chicago.....		250	10	1 75	.....	.....	.....	.....	.....	.....	.....
do.....		300	10	4 00	.....	.....	.....	.....	.....	.....	.....
do.....		800	10	1 75	.....	.....	.....	.....	.....	.....	.....
do.....		150	10	4 00	.....	.....	.....	.....	.....	.....	.....
do.....		250	10	1 75	.....	.....	.....	.....	.....	.....	.....
do.....		250	10	4 00	.....	.....	.....	.....	.....	.....	.....
do.....		650	10	1 75	.....	.....	.....	.....	.....	.....	.....
do.....		250	10	4 00	.....	.....	.....	.....	.....	.....	.....
do.....		800	10	1 75	.....	.....	.....	.....	.....	.....	.....
do.....		100	10	4 00	.....	.....	.....	.....	.....	.....	.....

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Cigar Makers.....	23	2,450									
Belvidere.....		34	8	2 00		8	2 00				
Alton.....		45			15 00	8		10 00		5 00	
Kewanee.....		28			15 00			10 00		5 00	
Centralia.....		19	8		9 00						
Chicago.....		35	8	2 25		8					
Kankakee.....		7	8			10	2 00		25		
Streator.....		34	8	2 25		8					
Canton.....		55			9 00	8					
Murphysboro.....		12	8	2 25		8	2 25				
Springfield.....		90	8	2 25		8	2 25				
Ottawa.....		52	8	2 25		8	2 25				
Danville.....		48	8	2 00		8					
Chicago.....		43	8	2 25		8	2 25				
..do.....		162	8	2 25		8	2 25		30		
..do.....		37	8	2 35		8	2 25				
..do.....		1,384	8	2 25		8	2 25				
Pekin.....		33			12 00			9 00		3 00	
Peoria.....		112	8	2 00		8	2 00				
Havana.....		12	8	2 50		8	2 25		25		
Blue Island.....		26	8		15 00	8		15 00			
Chicago.....		28	8		15 00	8		15 00			
Decatur.....		94	8		10 00	8		10 00			
Bloomington.....		60	8	2 25		8	2 25				
CLERICAL TRADES—30.		194									
Hotel, Etc., waiters.....	3				10 00						
Duquoin.....		13	11		12 00						
Murphysboro.....		31	12		10 00	10		10 00			
Chicago.....		150	10		12 00	10		10 00			
Postoffice clerks.....	1										
Chicago.....		220	8			12					
Railway clerks.....	1										
Chicago.....		640	9½		12 50						
..do.....					18 00						
Retail clerks.....	25	1,656									
Centralia.....		56	11		5 00	12		5 00			
Kewanee.....		60	10½		15 00	13		15 00			
Murphysboro.....		59	12		8 00	14					
Alton.....		85	10		5 00						
..do.....			12		9 00						
Aurora.....		16	10		8 00						
..do.....					12 00						
Joliet.....		—	10		8 00						
LaSalle.....		100	9		12 00						
Chicago.....		80	9								
..do.....		45	12								
..do.....			9								
..do.....		170	9		8 00						
..do.....			12		12 00						
..do.....		60	9		10 00						
..do.....			12		35 00						
..do.....		80	9		10 00						
..do.....			12		20 20						

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Retail clerks—Continued.										
Chicago.....		50	9		\$10 00					
..do			12		35 00					
..do		60	12		10 00					
..do			9		35 00					
..do		70	12		10 00					
..do			9		20 00					
..do		50	12		10 00					
..do			9		20 00					
..do		76	9		8 00					
..do			12		15 00					
..do		76	9		8 00			35 00		
..do			12		18 00			15 00		
..do		50	12		8 00					
..do			9		15 00					
..do		74	12		8 00					
..do			9		12 00					
..do		87	12		8 00					
..do			9		12 00					
..do		55	12		8 00					
..do			9		12 00					
..do		40	12		8 00					
..do			9		12 00					
..do		125	12		10 00					
..do			9		35 00					
..do		32	12		8 00					
..do			9		15 00					
Coopers.....										
Alton.....	7	373	21	9	1 50	9 00	9	\$1 50	9 00	
..do		53	10		2 50		10	2 00		50
Peoria.....		150			2 10					
Chicago.....			10		2 50		10	2 50		
..do					3 00			3 00		
..do		47	10		2 25					
..do			10		3 25		10	3 00		25
..do		102	10		3 00		10	3 00		
Electrical workers.....										
Chicago.....	4	928	360	8	4 00		10	2 50		1 50
..do		325	8		2 75		10	1 80		96
..do		82	8		3 50		8	3 50		
..do		161	8		3 60			3 20		40
Elevator constructors.....										
Chicago.....	2	805	205	8	3 60		10	2 40		20
..do		600	12		1 60					
..do					2 00					
GARMENT WORKERS—\$2.										
Cutters.....										
Chicago.....	1	200	8		16 00		8		18 00	6 00
..do					24 00					
Garment makers.....										
Springfield.....	4	735	22	10	1 50					
Rockford.....		78	10		1 50	10 00				
Chicago.....		200	8			16 00				
..do		435	10		1 00	25 00				
..do					1 75					

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901.				1897.			INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Garment workers, sp'l order	19	5,200								
Chicago		150	9		\$8 00					
..do		50	9		25 00					
..do		25	9		8 00					
..do		250	9		25 00					
..do		25	9		8 00					
..do		300	9		25 00					
..do		100	9		8 00					
..do		200	9		25 00					
..do			9		8 00					
..do		300	9		25 00					
..do		200	9		8 00					
..do		300	9		25 00					
..do		900	9		8 00					
..do		150	9		25 00					
..do		1,000	9		8 00					
..do		700	9		25 00					
..do		250	9		8 00					
..do		200	9		25 00					
..do		100	9		8 00					
..do					28 00					
Tailors	8	939								
Champaign		21	10		\$13 00	10		\$13 00		
Belleville		13	10	\$3 25						
Alton		15	10		15 00					
Springfield		47	10		15 00	10		12 00		\$3 00
Elgin		23	10	3 50			\$2 00		\$0 50	
Danville		15	10		15 00					
Peoria		36	10		18 00			16 00		2 00
Chicago		764	9		18 00			15 00		
					20 00			20 00		
Glass blowers	6	1,426								
Streator		340	8	1 85						
Upper Alton		376	8½	5 00		8½				
Alton		288	8½	3 00		8½	3 00			
Belleville		169	9½	6 50		9½	5 25		1 25	
East St. Louis		78	9	4 50		9				
Chicago		78	10	3 60						

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901			1897			INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		
				Per day.	Per week.		Per day.	Per day.	
Holisting engineers	15	411							
Sherrard		12	8		\$20 15	12	\$17 65		\$2 50
Farmington		27	8		15 00	9			
Collinsville		37	8		16 25	10	10 00		6 25
Decatur		15	8		20 00	12	16 25		3 75
Murphysboro		14	8		17 50	12			
Oglesby		12	9		18 75	12	17 50		1 25
Springfield		48	8		19 50	12			
Athens		19	8		22 50	12			
Coal City		36	8		74 00	12	*65 00		*9 00
Herrin		16	8		75 00	12	*65 00		*10 00
Streator		18	8		17 50	12	13 75		3 75
Marion		16	8		17 50	12			
Wenona		12	8		17 50	12			
Belleville		65	8		18 75	12			
Chicago		62	8	\$4 00		9	4 06	\$0 5	
IRON TRADES—39.									
Architectural workers	7	1,010							
Chicago		50	10	2 25		10	2 25		
do		225	10	1 75		10	1 75		
do		175	10	1 75		10	1 75		
do		75	10						
Glencoe		100	8			8			
Chicago		175	10	1 75		10	1 75		
do		210	8	2 80		8	2 80		
Bollermakers	8	1,120							
Chicago		22	9	2 75					
do		21	9	3 00					
do		300	9	2 75					
do		500	9	2 80		9	1 57	25	
do		125	9	3 00		9	2 75	25	
do		22	9	3 00			2 75	25	
do		32	10	2 75					
do		88		3 00					
do				2 75			1 75	1 00	
do				3 00			2 00	1 00	
Bridge workers, structural.	1	966							
Chicago		966	8	4 00		8	3 40	60	

* Monthly.

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1907				INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Iron molders	12	3,075									
Freeport		83	10	\$2 50	\$15 00	10	\$3 00	12 00	\$0 50	\$3 00	
Belleville		291	10	2 35		10	2 50		25		
Rock Island		100	10	2 75		10	2 50		25		
East St. Louis		81	10	2 75		10	2 50		25		
Chicago		250	10	3 00		10	2 50		50		
do		525	10	3 00		10	2 50		50		
do		435	10	3 00		10	2 50		50		
do		375	10	3 00							
Harvey		425	10	3 00		10	2 50		50		
Chicago		380	10	3 00		10	2 50		50		
do		130	10	3 00							
Pullman			12	{ 1 57							
				{ 3 15							
Iron, tin, steel workers	2	115									
Granite City		36	9	{ 2 00					50		
				{ 3 00		10	1 50		1 50		
Joliet		79	{ 8	1 80		12	1 50		30		
			{ 12								
Metal polishers	2	156									
Belleville		26	10								
Chicago		160	10	{ 1 25	{ 1 25 }						
				{ 2 25	{ 2 50 }						
Sheet metal workers	4	393									
Elgin		15	9	2 50		10	2 25		25		
Evanston		10	8	2 50		8	2 25		30		
Quincy		26	9	2 00		10	2 00				
Chicago		342	8	3 40		8	3 00		40		
Stove mounters	2	20									
Aurora		20	10	1 50		9					
Chicago			10	2 50		10	2 50				
United metal workers	1										
Chicago		225	10	3 00			2 00				
Leather workers	2	519									
Quincy		69	10		10 65		{ 1 75				
							{ 2 75				
Chicago		450	10	{ 2 50		10					
				{ 3 00							
Letter carriers	6	137									
Streator		5	8		16 33	8		16 33			
Mattoon			8		16 33	8		16 33			
Peoria		7	8		16 33	8		16 33			
Chicago		125	8		18 00	8		18 00		5 00	
Belleville			8		17 75	8		17 75			
Chicago			8	6 00	8 00	8					

Table No. 5—Continued.

TRADES AND LOCATION.	Number of union.	1901.				1897.			INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Machinists	23	2,658								
Elgin		93	9	{ 2 50 2 75 }		10	{ 2 50 2 75 }			
Aurora		98	10	{ 2 50 2 75 }			2 50		25	
Springfield		50	9	2 50		10	{ 2 00 2 75 }			
Belleville		38	9	{ 2 25 3 00 }		10	2 50		50	
Chicago		80	9	{ 2 50 3 00 }		10	2 50		50	
..do		100	10	2 90			2 50		40	
..do		30	9	{ 2 50 3 00 }		10				
..do		75	9	{ 2 50 3 00 }		10	2 50		50	
Maywood		118	9	{ 2 50 3 00 }		10	2 50		50	
Chicago		42	9	{ 2 50 3 00 }			2 50		50	
..do		90	9	{ 2 50 3 00 }		10				
..do		141	9	{ 2 50 3 00 }		10	2 50		50	
..do		100	9	{ 2 50 3 00 }		10	2 50		50	
..do		110	9	2 80		10	2 50		30	
..do		300	9	{ 2 50 3 00 }		10	2 50		50	
..do		175	9	{ 2 50 3 00 }		10	2 50		50	
..do		80	9	{ 2 50 3 00 }		10	2 50		50	
..do		144	9	2 80		10	2 50		30	
..do		86	9	{ 2 50 3 00 }		10	2 50		50	
..do		75	9	2 50						
Bloomington				2 50						
Chicago		465	9	2 70		10	2 50		10	
..do		200	9							
Miners, coal	61	9,498								
Lake Creek		30	8	2 10						
Hallidayboro		275	8	2 20		10				
Birkner Station		80	8			10				
Herrin		100	8	3 00	18 00	10				
Morris		53	8	2 50		10	2 00		50	
Edwards			8	{ 1 00 2 28 }		9				
Pawnee		87		2 28		10	1 75		53	
Flatt		25	8	1 75		10				
Chenoa		13		2 10	13 60					
Elmwood			8	2 25						
Greenview		140	8	2 25		10	2 00		25	
Hanna City		45	8	2 10		9	1 75		35	
Kingston Mines		145		2 10			2 10			
Lensburg		55	8	2 10		9	1 75		35	
Spaulding		110	8	2 10		10	1 75		35	
Lincoln		30	8	2 70		10				
Auburn		287	8	2 00		10	1 40		60	
Ledford		143	8	2 10						
Girard		95	8	2 10		10	2 25			
Colchester		105	8							

* Eight hours on Saturday.

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Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Miners, coal—Continued.											
Oglesby.....		14	8	\$2 10							
DeSoto.....		130	8	2 10		10	\$1 75			\$0 35	
Springfield.....		25	8	2 25			2 25				
New Baden.....		200	8	2 10							
Mt. Vernon.....		60	8	2 10		10	1 50			60	
Kangley.....		225	8	2 10		10	1 80			30	
Marion.....		75	8	2 10		10					
Spring Valley.....		620	8	2 10		10	2 00			10	
Bartonville.....		40	8								
Odin.....		190	8	2 10		10	1 75			25	
O'Fallon.....		192	8	2 85		10	2 30			65	
Cable.....		165	8	2 10		10	1 50			60	
Pekin.....			8			8					
Himrod.....		200	8			10	2 25				
Glen Carbon.....		431	8			8	1 75			35	
Presmption.....		15	8	{ 2 10 2 00 3 00 }							
Georgetown.....		85	8			10	1 55			55	
Sorento.....		213	8	2 10		10	1 50			60	
Cartersville.....		285	8	2 10		10	1 75			35	
Rutland.....		225	8	2 10		10	1 75			35	
Toluca.....		150	8	1 60		10	1 25			35	
Astoria.....		140	8	2 10		10	1 75			35	
Springfield.....		165	8	1 75		10	1 25			50	
Sparland.....		40	8	2 10		8					
Sherrard.....		250	8	1 80		10					
Auburn.....		35	8	2 10							
Belleville.....		230	8	3 00		10					
..do.....		200	8								
..do.....		497	8			10					
O'Fallon.....		60	8			10	1 80				
St. David.....		125	8								
Duquoin.....		463	8			10					
Murphysboro.....		540	8	2 10		10					
Sparta.....		23	8			10					
..do.....		160	8	2 35		10					
Caseyville.....		60	8	2 35		10	1 75			61	
Collinsville.....		712	8	1 80		10					
Freeburg.....		110	8			10	1 75				
Marissa.....		225	8			10	1 75				
Sparta.....		60	8			10	1 75				
Falsley.....		60	8	2 10							
Musicians.....	3	2,096									
Jacksonville.....		46		{ 2 50 5 00 }							
Bloomington.....											
Chicago.....		2,050		5 00			5 00				
PRINTING TRADES—25.											
Pressmen.....	14	5,482									
Danville.....		35	9	2 40		10	2 25			15	
Kewanee.....		10	9	2 25		9	1 80			45	
Canton.....			9	1 75		10					
Chicago.....		88	8		\$14 40	9		\$12 00		\$2 40	
..do.....		2,200	9	{ 3 00 4 00 }		9	3 00				
..do.....		520	9	3 50		10	3 50				
..do.....		145	8	3 50		8	3 50				
..do.....		325	9	3 00		10	3 00				
..do.....		1,900	9	2 75		9	2 25			50	
Elgin.....		20	9	2 00		10					
Alton.....		20	9	2 00	12 00	10	2 00	12 00			
Chicago.....		35	9	3 00							

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Pressmen—Concluded.											
Chicago.....		86	10	{	\$1 75						
Peoria.....		98	8		2 25						
					3 00		8	\$3 00			
Stereotypers.....	1										
Chicago.....		120	8		3 75		9	3 25		\$0 50	
Typographical.....	9	353									
Peru.....		17	9			\$10 94					
Decatur.....		38	9			13 50	10				
Elgin.....		28	9		2 00		10				
Bloomington.....		59	9		2 75		10				
Quincy.....		50	{ 8			14 00	10				
			9								
Chicago.....		40	9			15 00	10		12 00		\$3 00
do.....		30	9				10	2 50			
do.....		75	8		1 80		8				
Belleville.....		18	9			15 00					
RAILROAD EMPLOYEES—CS.											
Conductors.....	12	1,330									
Galesburg.....		96	10			*100 00	10		*100 00		
Aurora.....		89				*125 00	10		*125 00		
Rock Island.....		78	10						*125 00		
Peoria.....		63	10		{	*75 00	10	{	*75 00		
						*100 00			*100 00		
Clinton.....		26			3 00			3 00			
Alton.....		21			3 00	*125 00			*125 00		
Chicago.....		124	10		3 84		10	3 00		84	
Blue Island.....		275	10		3 84		10	3 00		84	
Chicago.....		384	10		3 30	†	12	3 80	†		
do.....		100	10		3 84	*100 00	10	3 00	*78 00	84	*22 00
Mattoon.....		60	14				14				
Peoria.....		34	10				10		{	*100 00	
										*120 00	
Engineers.....	17	930									
Clinton.....		50	10		2 75			2 75			
Blue Island.....		37	10		4 00		11	3 85		15	
Chicago.....		35	10		4 00		11	4 00			
do.....		53	10	{	2 90		11	{	3 00		
					4 00				3 85		15
do.....		76	10		4 00		11	3 85		15	
do.....		57	10		4 00		11	3 85		15	
do.....		54	10		4 00		11	3 85		15	
do.....		43	10		4 00		11	{	3 00		1 00
									3 85		
do.....		96	10		4 00		11	{	3 00		1 00
									3 85		
do.....		52	10		4 00		11	3 85		85	
do.....		66	10		4 00		11	3 85		85	
do.....		46	10		4 00		11	3 85		85	
do.....		36	10		4 00		11	3 85		85	
do.....		73	10		4 00		11	{	3 00		1 00
									3 85		
Murphysboro.....		63	12		5 00		12	4 00		1 00	
Peoria.....	†	42	10								
do.....		52									

* Monthly.

† Per hour.

† Freight conductors, 3 cents per mile; passenger conductors, 2½ cents per mile.

† From 10 to 13 hours; passenger, 3½ per mile; freight, from 4 to 4½ per mile.

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Firemen.....	17	1,447									
East St. Louis.....		50	10	2 40		10					
Savanna.....		58	10	2 25		10	2 25				
Chicago.....		25	10	2 25		10	2 25				
..do.....		25	10	2 25		10	2 25				
..do.....		60	10	2 25		10	2 25				
Blue Island.....		60	10	2 25		10	2 25				
Chicago.....		35	10	2 25		10					
..do.....		72	10	2 25		10	2 25				
..do.....		40		2 25			2 25				
..do.....		65	10	2 25		10	2 25				
..do.....		30	10	2 25		10	2 25				
..do.....		210	10	2 25		10	2 25				
..do.....		220	10	2 25		10	2 25				
..do.....		180	10	2 25		10	2 25				
..do.....		30	10	2 25		10	2 25				
..do.....		140	10	2 25		10	2 25				
Peoria.....		126	{ 12 10 }	1 75		{ 10 12 }	1 50		25		
Freight handlers.....	5	2,232									
Chicago.....		827	10		12 00						
..do.....		765	10		12 00						
..do.....		946	10		12 00						
..do.....		694	10		12 00						
..do.....			10		12 00						
Switchmen.....	7	1,125									
Joliet.....		86	12	2 60							
Savanna.....		24	12	2 60							
Chicago.....		200	12	2 70							
Blue Island.....		150	12	2 60							
Chicago.....		200	12	2 60							
..do.....		250	12	2 60							
..do.....		225	12	2 60							
..do.....				2 00							
Trainmen.....	10	1,328									
Chillicothe.....		50	{ 10 24 }	2 25		{ 10 14 }	2 25				
Chicago.....		184	10	2 25		10	2 25				
..do.....		360	10	2 25		10	2 25				
..do.....		65	10	2 25		10	2 25				
..do.....		250	10	2 25		10	2 25				
..do.....		131	10	2 25		10	2 25				
Blue Island.....		80	10	2 25		10	2 25				
Chicago.....		49	10	2 25		10	2 25				
..do.....		87	10	2 25		10	2 25				
Peoria.....		81	10	2 50		10	2 00				
..do.....				2 50			2 00				
Stationary firemen.....	2	296									
Springfield.....		45	{ 8 12 }	1 75							
Chicago.....		250	8		14 00	12		9 00		5 00	

* Night work \$5.00 per month, extra.

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Steam engineers.....	3	515									
Quincy.....		25	11	{ 1 72 2 25 }							
Chicago.....		400	12	2 50		12	\$4 50				
Peoria.....		90	12		{ \$15 00 25 00 }	12					
Steam fitters	2	650									
Chicago.....		250	8	2 00		8	1 75				
..do		300	8	4 00	22 00	8	4 00	\$22 00			
Street car employés	6	9,125									
Belleville.....		150	{ 10 10 1/2 }	{ 1 50 2 00 }							
Chicago.....		275	12	{ 1 75 2 25 }							
..do		4,000	12	{ 1 75 2 25 }							
..do		300	12	{ 1 75 2 25 }							
..do		400	12	{ 1 75 2 25 }							
..do		4,000	12	{ 1 75 2 25 }							
Team drivers.....	14	15,688									
Pekin.....		46	9	2 50		10	2 00		\$0 50		
Mt. Olive.....		8									
Pinckneyville.....		22	9	2 00							
Joliet.....		50	10	2 50		10	2 20		20		
Centralia.....		32	8	2 50		10	2 20		20		
Lebanon.....		8		2 00			2 00				
Chicago.....		720	{ 12 14 }		14 00	{ 12 14 }		11 50		\$2 50	
..do		900	11		16 25	{ 12 15 }					
..do		1,400	11		17 50	{ 12 14 }		11 25		6 25	
..do		600	10		12 25	12		9 50		2 75	
..do		6,000	11		18 00	12		9 50		8 25	
..do		4,000	11		18 00	12		12 00		6 00	
..do		900	11		17 50	12		15 00		2 50	
..do		1,000	11			{ 12 14 }					
Vessel unloaders.....	6	4,269									
Chicago.....		280	9	2 00		10	2 00		1 00		
..do		4,000	{ 10 12 }	2 25		{ 10 12 }	2 25				
..do		520	10			10					
..do		45	10			10					
..do		404			†45 00			†45 00			
..do			10		†45 00	10		†45 00			

† During the open season we make \$1.00 per hour, or from \$40.00 to \$50.00 per week.

Table No. 5—Continued.

TRADES AND LOCATION.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Woodblock pavers	3	335									
Chicago		95	10	\$4 00		10	\$3 50			\$0 50	
do		240		4 40		9	4 05			35	
do			10	3 20							
Wood workers.....	15	3,682									
Rock Falls.....		22	10	1 75							
East St. Louis.....		60	10	4 00							
Chicago		340	9	2 25		10	2 25				
do		419	9	2 25		10	2 00			25	
do		845	9	2 25		10	2 00			25	
do		600	9	2 25		10	2 00			25	
do		390	9	2 25		10	2 00			25	
do		500	9	2 25		10	2 00			25	
do		53	9	2 25		10	2 00			25	
do		60	9	2 25							
do		60	9	2 25							
do		60	9	2 25							
do		100	9	2 25							
do		38	9	2 25							
do		135	9	3 00		10	2 25			75	
MISCELLANEOUS	27	5,695									
Bill posters	1										
Chicago		130	12	{ 2 00 2 50 }							
Box makers and sawyers ...	1										
Chicago		490	10	{ 2 50 3 00 }		10	{ 2 00 2 50 }				
Brush makers.....	1										
Chicago		85	9	2 50		8	2 50				
Chandelier makers.....	1										
Chicago		87	9	2 25		10	1 75				
Cloth hat and cap makers ..	1										
Chicago		100	9½	2 25		{ 10 11 }	2 00				
Drainage layers and help'rs	1										
Chicago		35	8	{ 2 25 4 00 }		8					
Egg inspectors.....	1										
Chicago		235	10	{ 1 75 2 00 }							
Felt hatters.....	1										
Chicago		60	8		\$25 00	8		\$20 00		\$5 00	
Glove makers.....	1										
Chicago		180	10	{ 75 1 50 }							
Gold beaters	1										
Chicago		64	10	{ 2 75 3 00 }		10	{ 2 75 3 00 }				
Granite cutters.....	1										
Chicago		40	8	3 60		8	2 60				

Table No. 5—Concluded.

TRADES AND LOCATION.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hour.	WAGES.		Working hour.	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Horse nail makers.....	1									
Chicago.....		678	10 {	\$1 75 2 50		12				
Horse shoers.....	1									
Chicago.....		611	9 {	{ 3 00 3 50		9 {	{ 3 00 3 50			
Laundry workers	1									
Litchfield.....		10	10		\$4 00					
Mattress makers.....	1									
Chicago.....		330	10	2 25		10	1 75		\$0 25	
Parquet floor workers.....	1									
Chicago.....		120	8	3 00		8	2 50		50	
Pattern makers.....	1									
Chicago.....		300	9	3 18		10	2 50		65	
Photo engravers	1									
Chicago.....		150	8½		{ 18 00 21 00	9		{ \$12 00 18 00		{ 35 00 3 00
Railroad telegraphers.....	1									
Roscoe.....		489	12	1 65						
Rubber workers.....	1									
Chicago.....		307	10 {	{ 1 75 2 00						
Stone cutters.....	1									
Chicago.....		250	8	4 00	22 00	8	4 00	22 00		
Stone derrickmen.....	1									
Chicago.....		120	8	3 00		8	2 50		50	
Stone planers.....	1									
Chicago.....		60	8	3 00		10	3 00			
Theatrical stage employés ..	1									
Chicago.....		251	8	{ 2 50 6 00		8	{ 2 50 6 00			
Traveling salesmen.....	1									
Chicago.....		373	*							
Watch case engravers.....	1									
Chicago.....		20	10		16 00	10		16 00		
Type foundries.....	1									
Chicago.....		120	9	2 70		10	2 95			

* Sell on commission.

Table 5 presents the returns made by unions, classified as to trades and locations, and is followed by similar table classified as to locations and trades:

TABLE No. 6—*Employment, Hours and Wages, by Location and Trades.*

LOCATION AND TRADE.	Number of unions.	1901.				1897.				INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Totals	592	121,969									
Alton	9	703									
Cigar		45	8		\$15 00	8		\$10 00			35 00
Bakers & confectioners		10	10		12 00	12					
Tailors		15	10		15 00						
Retail clerks		{ 10 }			9 00						
Conductors		{ 12 }			5 00						
Glass blowers		21	10	3 00	*125 00			*125 00			
Coopers		286	8 ¹ / ₂	3 00		8 ¹ / ₂	3 00				
Typographical		21	9	1 50	9 00	9	1 50	9 00			
Carpenters and joiners		20	9	2 00	12 00	10	2 00	12 00			
Astoria	1	100	8	2 40		10					
Miners		140	8	2 10		10	1 75			45	
Athens	1										
Hoisting engineers		19	8		*75 00	12		*65 00			*10 00
Auburn	2	322									
Miners		287	8	2 00		10	1 40			60	
do		35	8	2 10		10					
Aurora	6	257									
Conductors		89			*125 00	10		*125 00			
Machinists		98	10	{ 2 50 }			2 50			25	
Broom makers		5	10	{ 2 75 }							
Barbers		29	12		12 00			12 00			
Retail clerks		16	10		{ 8 00 }						
Stove mounters		20	10	1 50	12 00	9					
Austin	1										
Carpenters and joiners		128	8	3 40							
Bartonville	1										
Miners		40	8								
Belleville	17	1,961									
Metal polishers		26	10								
Iron moulders		231	10	2 55		10	2 50			35	
Bakers & confectioners		16	10		12 75	12					
Tailors		12	10	2 25							
Hoisting engineers		65	8		18 75	12					
Street car employes		{ 10 }		{ 1 50 }							
Machinists		{ 10 ¹ / ₂ }		{ 2 00 }							
Brick, tile & terra cotta		38	9	{ 2 25 }		10	2 50			50	
Painters		70	8 ¹ / ₂	2 00		8 ¹ / ₂					
Carpenters and joiners		37	9	2 50		8	2 00			50	
Typographical		105	8	3 00		9					
Letter carriers		18	9		15 00						
			8		17 75	8		17 75			

* Per month.

Table No. 6—Continued.

LOCATION AND TRADE.	Number of unions.	1901.				1897.			INCREASE IN WAGES, 1901, OVER 1897.	
		Number employed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Belleville—Concluded.										
Glass bottle blowers.....		168	9½	\$5 50		9½	\$5 25		\$1 25	
Miners.....		280	8	3 00		10				
do.....		200	8			10				
do.....		497	8			10				
Bricklayers.....		37	8	4 00		8	3 60		40	
Belvidere.....	1									
Cigar makers.....		34	8	2 00		8	2 00			
Birkner Station.....	1									
Miners.....		80	8			10				
Bernice.....	1									
Brick, tile, terra cotta.....		58	8½	2 25		9½	2 00		25	
Bloomington.....	8	322								
Carpenters and joiners.....		150	8	{ 2 40 2 10 }		10	{ 1 75 2 00 2 00 }		65 80 }	
Bricklayers and masons.....		30	8	4 00		9	4 00			
Plasterers.....		16	8	3 60		10				
Typographical.....		59	9	3 75		10				
Lathers.....		7	8	3 30		9	3 00		30	
Machinists.....				2 50						
Cigars.....		60	8	2 25		8	2 25			
Blue Island.....	8	938								
Conductors.....		275	10	3 84		10	3 00		84	
Engineers.....		37	10	4 00		11	3 65		15	
Switchmen.....		150	12	{ 2 60 3 00 }						
Trainmen.....		80	10	3 25		10	2 25			
Firemen, R. R.....		60	10	2 25		10	2 25			
Brick, tile, terra cotta.....		250	8½	2 50		9½	3 25			
do.....		60	8½	2 50						
Cigars.....		28	8		\$15 00	8		15 00		
Cable.....	1									
Miners.....		165	8	2 10		10	1 60		60	
Canton.....	2	55								
Cigars.....		55	8		9 00	8				
Typographical.....										
Carlinville.....	1									
Barbers.....		1	12		10 00					
Carterville.....	1									
Miners.....		285	8	2 10		10	1 75		35	
Caseyville.....	1									
Miners.....		60	8	2 35		10	1 75		61	
Centralla.....	4	177								
Cigars.....		19	8		9 00					
Carpenters and joiners.....		70	8	2 40		10				
Retail clerks.....		56	11	{ 5 00 15 00 }		12	{ 5 00 15 00 }			
Team drivers.....		32	8	3 50		10	3 30		20	

Table No. 6—Continued.

LOCATION AND TRADE.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901, OVER 1907.	
		Number em- ployed.	Working hours.	WAGES.		Working hours.	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Champaign	2	36									
Plumbers		15	8	\$3 10		8					
Tailors		21	10		\$13 00	10		\$13 00			
Chenooa	1										
Miners		13		2 10	12 60						
Chicago	274	102,904									
Cigars		35	8	2 25		8					
Machinists		80	9	2 50		10	2 50		\$0 50		
do		100	10	3 00			2 50		40		
do		80	9	2 50		10					
do		80	9	3 00		10					
do		75	9	2 50		10	2 50		50		
do		42	9	3 00			2 50		50		
do		60	9	2 50		10					
do		141	9	3 00		10	2 50		50		
do		100	9	2 50		10	2 50		50		
do		110	9	3 00		10	2 50		30		
do		300	9	2 50		10	2 50		50		
do		175	9	3 00		10	2 50		50		
do		80	9	2 50		10	2 50		50		
do		144	9	3 00		10	2 50		30		
do		86	9	2 50		10	2 50		50		
do		86	9	3 00		10					
Cigars		43	8	2 25		8	2 25				
do		162	8	2 25		8	2 25		3		
do		37	8	2 25		8	2 25				
do		1,384	8	2 25		8	2 25				
Conductors		124	10	3 84		10	4 00		84		
Trainmen		184	10	2 25		10	2 25				
Conductors		384	10	†		12	* 30	†			
Trainmen		380	10	2 25		10	2 25				
do		65	10	2 25		10	2 25				
do		250	10	2 25		10	2 25				
do		131	10	2 25		10	2 25				
Engineers		35	10	4 00		11	4 25				
do		53	10	2 90		11	3 00		10		
do		76	10	4 00		11	3 85		15		
do		57	10	4 00		11	3 85		15		
do		54	10	4 00		11	3 85		15		
do		43	10	4 00		11	3 00		1 00		
do		96	10	4 00		11	3 85		15		
do		52	10	4 00		11	3 85		15		
do		66	10	4 00		11	3 85		15		
do		46	10	4 00		11	3 85		15		
do		35	10	4 00		11	3 85		15		
do		73	10	4 00		11	3 00		1 00		
do				3 85			3 85		15		
Switchmen		200	12	2 60							
				3 00							

* Per hour.

† Freight conductors 3 cents per mile. Passenger conductors 2½ cents per mile.

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Chicago—Continued.											
Switchmen		200	12	2 60							
..do		250	12	3 00							
..do		225	12	3 00							
Trainmen		40	10	2 25		10	2 25				
..do		87	10	2 25		10	2 25				
Conductors		100	10	3 84	100 00	10	3 00	*78 00		*23 00	
Firemen		25	10	2 25		10	2 25				
..do		25	10	2 25		10	2 25				
..do		60	10	2 25		10	2 25				
..do		35	10	2 25		10	2 25				
..do		72	10	2 25		10	2 25				
..do		40	10	2 25		10	2 25				
..do		66	10	2 25		10	2 25				
..do		30	10	2 25		10	2 25				
..do		210	10	2 25		10	2 25				
..do		230	10	2 25		10	2 25				
..do		180	10	2 25		10	2 25				
..do		30	10	2 25		10	2 25				
..do		140	10	2 25		10	2 25				
Teamsters		730	12		14 00	12		11 50		2 50	
..do		900	11		16 00	13		11 50		4 50	
..do		1,400	11		17 50	14		11 25		6 25	
..do		600	10		12 25	13		9 50		2 75	
..do		6,000	11		18 00	13		9 50		8 50	
..do		4,000	11		18 00	12		12 00		6 00	
..do		900	11		17 50	13		15 00		2 50	
..do		1,000	11			12					
Boiler makers		32	9	2 75							
..do		21	9	3 00							
..do		800	9	2 80		9	1 50		23		
..do		500	9	2 80		9	2 75		25		
..do		125	9	3 00			2 75				
..do		22	9	3 00							
..do		32	10	2 75							
..do		88	10	3 00			1 75		1 00		
Butchers & Meat Cutt'rs		250	10	1 75			2 00				
..do		300	10	4 00							
..do		800	10	1 75							
..do		150	10	4 00							
..do		250	10	1 75							
..do		250	10	4 00							
..do		650	10	1 75							
..do		250	10	4 00							
..do		800	10	1 75							
..do		100	10	4 00							

*Per month.

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Chicago—Continued.										
Garment workers, sp. or		150	9		28 00					
..do		50	9		25 00					
..do		25	9		8 00					
..do		250	9		25 00					
..do		25	9		8 00					
..do		300	9		25 00					
..do		100	9		8 00					
..do		200	9		25 00					
..do			9		8 00					
..do		300	9		25 00					
..do		200	9		8 00					
..do		300	9		25 00					
..do		900	9		8 00					
..do		150	9		25 00					
..do		1,000	9		8 00					
..do		700	9		25 00					
..do		250	9		8 00					
..do		200	9		25 00					
..do		100	9		8 00					
Retail clerks.....		80	12							
..do		45	12							
..do		170	12		8 00					
..do		60	12		12 00					
..do		80	12		10 00					
..do		50	12		25 00					
..do		60	12		10 00					
..do		70	12		20 00					
..do		50	12		10 00					
..do		78	12		35 00					
..do		78	12		10 00					
..do		50	12		35 00					
..do		74	12		10 00					
..do		87	12		20 00					
..do		55	12		10 00					
..do			12		8 00					
..do			12		12 00					
..do			12		8 00					
..do			12		12 00					
..do			12		8 00					
..do			12		12 00					
..do			12		8 00					
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..do			12		8 00					
..do			12		12 00					
..do			12		8 00					
..do			12		12 00					
..do			12		8 00					
..do			12		12 00					

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901, OVER 1897.	
		Working hours	Number em- ployed.	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Chicago—Continued.											
Retail clerks.....	40	9	12	8 00							
..do.....	125	9	12	12 00							
..do.....	125	9	12	10 00							
Architectural workers..	50	10	10	22 25	10	22 25					
United metal workers..	225	10	10	2 00		2 00					
Machinists.....	75	9	10	2 50							
Architectural workers..	225	10	10	1 75	10	1 75					
..do.....	175	10	10	1 75	10	1 75					
..do.....	75	10	10								
..do.....	175	10	10	1 75	10	1 75					
Painters.....	210	8	8	2 80	8	2 80					
..do.....	105	8	8	3 20	8	3 20			30 20		
..do.....	420	8	8	3 20	8	3 20			30 20		
Painters, glaziers.....	95	8	8	3 20	8	3 20			30 20		
Painters.....	316	8	8	3 20	8	3 20			30 20		
..do.....	960	8	8	3 20	8	3 20			30 20		
..do.....	65	8	8	3 20	8	3 20			30 20		
Painters, paper hangers	60	8	8	4 00	8						
Painters.....	370	8	8	3 20	8	3 00			20		
..do.....	150	8	8	3 20	8	3 00			20		
..do.....	141	8	8	3 20	8	3 00			20		
Brick, tile, terra cotta..	252	8 1/2	8 1/2	2 50	8 1/2	3 25			25		
..do.....	100	8 1/2	8 1/2	2 50	8 1/2	2 25			25		
Boot and shoe makers..	700	10	10	1 50							
Pressmen.....	88	8	8		\$14 40	9		\$12 00		\$2 40	
Typographical.....	40	9	9		15 00	10		12 00		3 00	
Pressmen.....	2,200	9	9	3 00		9	3 00				
..do.....		9	9	4 00		9	4 00				
Sterotypers.....	120	8	8	3 75		9	3 25				
Typographical.....	30	9	9		15 00	10	3 50				
Letter carriers.....	125	8	8		18 80	8		12 00		6 00	
Typographical.....	75	8	8	1 80		8					
Pressmen.....	520	9	9	3 50		10	3 50				
..do.....	145	8	8	3 50		8	3 50				
..do.....	325	9	9	3 00		10	3 00				
..do.....	1,900	9	9	2 75		9	2 25		50		
Woodworkers.....	340	9	9	2 25		10	2 25				
..do.....	419	9	9	2 25		10	2 00		25		
..do.....	845	9	9	2 25		10	2 00		25		
..do.....	600	9	9	2 25		10	2 00		25		
..do.....	390	9	9	2 25		10	2 00		25		
..do.....	500	9	9	2 25		10	2 00		25		
..do.....	53	9	9	2 25		10	2 00		25		
..do.....	60	9	9	2 25							
..do.....	60	9	9	2 25							
Woodworkers—mill.....	60	9	9	2 25							
Woodworkers—reed and rattan.....	100	9	9	2 25							
Hod carriers.....	2,637	8	8	2 80		8	2 40		40		
..do.....	385	8	8	3 50		8	3 00		50		
..do.....	2,200	8	8	2 80		8	2 40		40		
..do.....	800			2 80			2 40		40		
Electrical workers.....	360	8	8	4 00		10	3 50		1 50		
..do.....	325	8	8	2 75		10	1 80		95		
Plumbers.....	154	8	8	4 00		8	4 00				
Electrical workers.....	82	8	8	3 50		8	3 50				
Lathers.....	210	8	8	3 00		10	2 50		50		
Hoisting engineers.....	62	8	8	4 00		9	4 05				
Brick, tile, terra cotta..	63	8 1/2	8 1/2	4 00		8	4 00				
Bridge wrks, structural	966	8	8	4 00		8	3 40		60		
Steamfitters.....	350	8	8	2 00		8	1 75		25		
..do.....	300	8	8	4 00	22 00	8	4 00	22 00			
Brick, tile, terra cotta..	65	8	8	2 25		8	2 00		25		
Plasterers.....	450	8	8	4 00		8	3 50		50		
Bricklayers.....	3,100	8	8	4 00		8	4 00				

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901, OVER 1897.		
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Chicago—Continued.											
Plumbers		500	8	\$4 00		8	\$3 75		\$0 25		
Sheet metal workers		342	8	3 40		8	3 00		40		
Gravel roofers		315	8	3 40		8	2 80		60		
Elevator constructors		306	8	3 60		10	2 40		1 20		
Letter carriers			8	6 00	\$8 00	8					
Cigarmakers		28	8		15 00	8		\$15 00			
Coopers			10	2 50		10	2 50				
..do				3 00			3 00				
..do		47	10	3 25							
..do			10	3 25		10	3 00		25		
..do		102	10	3 00		10	3 00				
Street car employes		275	12	1 75							
..do				2 00							
..do		4,000	12	1 75							
..do			12	2 75							
..do		308	12	1 75							
..do			12	2 75							
..do		400	12	1 75							
..do			12	2 75							
..do		4,000	12	2 75							
Machinists		465	9	2 50		10	2 50		50		
Carpenters and joiners		128	8	3 40		8	3 00		40		
..do		4,700	8	3 40		8	3 00		40		
..do		137	8	3 40		8					
..do		52	8	3 40		8	3 00		40		
..do		277	8 ¹ / ₂	3 40		8	3 00		40		
..do		361	8 ¹ / ₂	3 40		8	3 00		40		
..do		240	8 ¹ / ₂	3 40		8	3 00		40		
..do			8 ¹ / ₂	3 40		8	3 00		40		
..do			8 ¹ / ₂	3 40		8	3 00		40		
..do		180	8 ¹ / ₂	3 40		8	3 00		40		
..do		244	8 ¹ / ₂	3 40		8	3 00		40		
..do			8 ¹ / ₂	3 40		8	3 00		40		
..do		682	8 ¹ / ₂	3 40		8	3 00		40		
..do		602	8 ¹ / ₂	3 40		8	3 00		40		
..do		236	8 ¹ / ₂	3 40		8	3 00		40		
..do		120	8 ¹ / ₂	3 40		8	3 00		40		
..do		230	8 ¹ / ₂	3 40		8	3 00		40		
..do		317	8 ¹ / ₂	3 40		8	3 10		40		
..do		1,024	8 ¹ / ₂	3 40		8	3 00		40		
Iron molders		250	10	3 00		10	2 50				
..do		525	10	3 00		10	2 50		50		
..do		435	10	3 00		10	2 50		50		
..do		375	10	3 00							
..do		380	10	3 00		10	2 50		50		
Painters		75	8	3 20		8	3 00		20		
Garment makers		200	8		18 00						
Vessel unloaders		290	9	3 00	25 00	10	2 00		1 00		
Elevator constructors		600	12	1 60							
Garment makers		435	10	2 00							
Broom makers		80	9 ¹ / ₂	1 75							
Woodworkers		38	9	2 25	11 00	10		9 00		2 00	
Leather workers		450	10	2 50							
Stationery firemen		250	8	3 00	14 00	12		9 00		5 00	
Musicians		2,050		5 00		8	5 00				
Postoffice clerks		220	8			12					
Steam engineers		400	12	2 50		12	4 50				
Vessel unloaders		4,000	10	2 25		10	2 25				
Stove mounters			12	2 50		12					
Hotel, etc., and waiters		150	10		10 00	10		10 00			
					12 00			12 00			

Table No. 6—Continued.

LOCATION AND TRADE.	Number of unions.	1901.				1897.				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Chicago—Concluded.											
Pressmen.....		35	9	\$3 00	.....	10	\$2 00	\$12 00	\$1 00	.....
..do		86	10	{ 1 75 2 00	.....	.....	.....	.....	.....	.....
Garment work's, cutters.....		200	8	.....	{ \$16 00 24 00	8	.....	18 00	.....	.....
Woodworkers.....		135	9	3 00	.....	10	2 25	.....	75	.....
Railway clerks.....		640	9½	{ 12 50 18 00	.....	.....	.....	.....	.....	.....
Electrical workers.....		161	8	3 60	.....	.....	3 20	.....	40	.....
Retail clerks.....		32	12	{ 8 00 15 00	.....	.....	.....	.....	.....	.....
Glass blowers.....		78	10	3 60	.....	.....	.....	.....	.....	.....
Metal polishers.....		160	10	{ 1 25 2 25	.....	.....	.....	.....	.....	.....
Iron molders.....		130	10	3 00	.....	.....	.....	.....	.....	.....
Wood block pavers.....		95	10	4 00	.....	10	3 50	.....	50	.....
..do		240	8	4 40	.....	9	4 05	.....	85	.....
..do .....		.....	8	3 20	.....	.....	.....	.....	.....	.....
Machinists.....		200	9	.....	18 00	.....	.....	16 00	.....	.....	\$2 00
Tailors.....		764	7	.....	.....	10	.....	.....	.....	.....
Vessel unloaders.....		520	9	.....	.....	10	.....	.....	.....	.....
..do		45	10	.....	.....	10	.....	.....	.....	.....
..do		104	.....	45 00	.....	.....	.....	.....	.....	.....
..do .....		.....	10	145 00	.....	10	.....	145 00	.....	.....
Bakers and confectioners.....		600	9	.....	8 00	.....	.....	.....	.....	.....
..do .....		.....	9	2 00	12 00	.....	.....	10 00	.....	.....	2 00
..do		525	10	2 20	13 20	12	1 75	10 50	45	.....	2 70
..do		170	10	2 25	13 50	12	1 75	10 50	50	.....	3 00
Brass workers.....		175	10	3 00	.....	10	2 50	.....	50	.....
Blacksmiths.....		.....	10	4 00	.....	10	{ 3 00 3 20	.....	.....	.....
..do		177	10	4 00	.....	10	3 00	.....	1 00	.....
Blacksmiths' helpers.....		12	10	1 75	.....	.....	.....	.....	1 00	.....
Blacksmiths.....		.....	.....	1 75	.....	.....	.....	.....	.....	.....
Freight handlers.....		827	10	.....	12 00	.....	.....	.....	.....	.....
..do		765	10	.....	12 00	.....	.....	.....	.....	.....
..do		946	10	.....	12 00	.....	.....	.....	.....	.....
..do		694	10	.....	12 00	.....	.....	.....	.....	.....
..do .....		.....	10	.....	12 00	.....	.....	.....	.....	.....
Brewers and malsters.....		695	.....	16 50	.....	.....	.....	17 00	.....	.....
..do		340	10	.....	14 00	12	.....	10 00	.....	.....	4 00
..do		120	10	.....	{ 7 00 12 00	.....	.....	.....	.....	.....
Chillicothe.....											
.....	2	65	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters and joiners.....		25	10	2 25	.....	.....	.....	.....	.....	.....
Trainmen, R. R.....		50	10	2 25	.....	10	2 25	.....	.....	.....
Clinton.....											
.....	2	76	.....	.....	.....	.....	.....	.....	.....	.....
Engineers, R. R.....		50	10	2 75	.....	.....	1 75	.....	.....	.....
Conductors, R. R.....		26	.....	3 00	.....	.....	3 00	.....	.....	.....
Coal City.....											
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoisting engineers.....		36	8	.....	17 50	12	.....	13 75	.....	.....
Colchester.....											
.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....		105	8	.....	.....	.....	.....	.....	.....	.....
Collinsville.....											
.....	4	824	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters and joiners.....		55	8	2 50	.....	9	2 25	.....	25	.....
Hoisting engines.....		37	8	.....	{ 16 25 20 00	10	.....	10 00	.....	.....	6 25
Brick, tile, terra cotta.....		20	8	2 00	.....	9½	.....	16 00	.....	.....	4 00
Miners.....		712	8	1 80	.....	10	.....	.....	.....	.....

†During open season \$1.00 per hour.

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897			INCREASE IN WAGES 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Dalton	1									
Brick, tile, terra cotta ..		106	8½	2 50		9½	2 25			25
Danville	3	98								
Typographical		35	9	2 40		10	2 25			15
Tailors		15	10		15 00					
Gigars		48	8	2 00		8				
Decatur	7	273								
Bricklayers & masons..		27	9	4 05	24 30	10				
Painters		60	10	2 25	12 50	10	2 00			25
Typographical		36	9		12 50	10				
Holisting engineers ..		15	8		17 50	12				
Barbers		41	12	2 00	12 00	12	2 00	12 00		
Retail clerks			10		8 00					
Cigar makers		94	8		12 00					
					10 00	8		10 00		
De Soto	1									
Miners		130	8	2 10		10	1 75			25
Dixon	1									
Boot and shoe makers..		114	10		8 25					
DuQuoin	2	476								
Hotel, etc., and waiters.		13	11		10 00					
Miners		463	8½			10				
East Peoria	1									
Brick, tile, terra cotta ..		35	8½	2 00						
East St. Louis	9	892								
Carpenters and joiners.		200	8	2 50		8	2 50			
Bricklayers and masons			8	4 40						
Firemen, railroad		50	10	2 40		10				
Wood workers		40	10	4 00						
Bakers & confectioners.		45	10	2 50	15 00					
Iron molders		81	10	2 75		10	2 50			25
Glass blowers		79	9	4 50		9				
Carpenters and joiners.		225	8	3 10		8				
Coopers		53	10	2 50		10	2 00			50
Edwards	1									
Miners			8	1 00	2 25	9				
Edwardsville	1									
Brick, tile, terra cotta..		28	8½	2 00						
Elgin	8	324								
Machinists		93	9½			10	2 50			
Sheet metal workers...		15	9	2 50		10	2 25			25
Painters		60	10	2 25	12 50	10				
Typographical		28	9	2 00		10				
Tailors		28	10	2 50			2 00			50
Barbers		30	11	2 00	12 00	12	2 00	12 00		
Carpenters and joiners.		50	9			10				
Pressmen, printing ..		20	9	2 00		10				
Elmwood	1									
Miners			8	2 25						

* 8 hours on Saturday.

Table No. 6—Continued.

LOCATION AND TRADE.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Evanston	4	363								
Sheet metal workers....		10	8	2 80		8	2 25		55	
Painters		150	8	3 20		8	3 00		20	
Brick, tile, terra cotta....		150	8½	3 50						
Carpenters and joiners		52	8	3 40		8	3 00		40	
Farmington	1									
Holsting engineers		27	8	{ 15 00 18 75 }		9				
Flatt	1									
Miners		25	8	1 75		10				
Freeburg	1									
Miners		110	8			10	1 75			
Freeport	1									
Iron molders		83	10	2 50	15 00	10	2 00	12 00	50	3 00
Galesburg	1									
Conductors, R. R.		96	10		*100 00	10		*100 00		
Georgetown	1									
Miners		85	8	2 10		10	1 55		55	
Girard	1									
Miners		95	8	2 10		10	2 25		25	
Glen Carbon	2	521								
Miners		431	8	2 10		8	1 75		25	
Brick, tile, terra cotta....		90	8½	2 00		9½	1 75		25	
Glencoe	1									
Metal workers		100	8	2 80		8	2 50			
Granite City	1									
Iron, tin & steel work'rs		36	9	{ 2 00 3 00 }		10	1 50		1 50	
Greenview	1									
Miners		140	8	2 25		10	2 00		25	
Griffin	1									
Brick, tile, terra cotta....		24	8½	2 00						
Hallidaboro	1									
Miners		275	8	2 20		10				
Hanna City	1									
Miners		45	8	2 10		9	1 75		25	
Harvey	1									
Iron molders		425	10	3 00		10	2 50		50	
Havana	1									
Cigar makers		12	8	2 50		8	2 25		25	
Herrin	2	166								
Miners		100	8	3 00	18 00	10				
Carpenters and joiners		50	10	2 00	12 00					
Holsting engineers		16	{ 8 10 }		17 50	12				
Highwood	1									
Bricklayers and masons				4 50			4 05		45	

*Per month.

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Table No. 6—Continued.

LOCATION AND TRADE.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Himrod	1									
Miners		200	8			10	2 25			
Jacksonville.....	2	88								
Musicians		48		{ 2 50						
Brick, tile, terra cotta		42	8½	{ 5 00						
Joliet.....	6	293		{ 2 00						
Lathers		15	8	2 50		10	2 25		25	
Switchmen		86	12	2 60						
Iron, steel and tin w'krs		79	8-12	1 80		12	1 50		30	
Plasterers		9	8	3 20	19 20	10	2 80	16 50	40	2 40
Team drivers.....		50	10	3 50		10	3 30		20	
Painters		54	9	2 70		10				
Kangley	1									
Miners		225	8	2 10		10	1 80		30	
Kankakee.....	2	30								
Cigars.....		7	8	2 25		10	2 00		25	
Painters		23	10	2 50		10	2 25		25	
Kensington.....	1									
Brick, tile, terra cotta		72	8½	2 50						
Kewanee.....	6	226								
Cigar makers.....		28	8		15 00			10 00		5 00
Carpenters and joiners.....		65	9	2 50		10				
Pressman.....		10	9	2 25		9	1 80		45	
Brick makers.....		30	8	1 84		10				
Retail clerks.....		60	10½			12				
Brick, tile, terra cotta		33	8½	2 00						
Kingston Mines.....	1									
Miners		145		2 10			2 10			
Lake Creek.....	1									
Miners		30	8	2 10						
LaSalle	3	177								
Bricklayers and masons		35	9	4 05	24 00	9	3 60	21 60	45	2 40
Brewers and malsters		42	9		{ 12 00	10				
Retail clerks		100	9		{ 16 00					
Lebanon	1				{ 12 00					
Team drivers.....			8	2 00			3 00			
Ledford.....	1									
Miners		148	8	2 10						
Lensburg.....	1									
Miners		55	8	2 10		9	1 75		35	
Lincoln	1									
Miners		30	8	2 70		10				
Madison	1									
Carpenters and joiners.....		111	8	2 80						

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897				INCREASE IN WAGES, 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
Marion	2	33									
Miners		75	8	\$2 10		10					
Holisting engineers.....		18	8		\$17 50						
Marissa	2	249									
Carpenters and joiners.....		24	9	2 25	13 50	10					
Miners		225	8			10	1 75				
Mascoutah	1										
Carpenters and joiners.....		13	10	2 00							
Mattoon.....	2	65									
Letter carriers		5	8		16 33	8		\$16 33			
Conductors, R. R.		60	14			14					
Maywood	1										
Machinists		116	9	{ 2 50 3 00		10	2 50		\$0 50		
Mendota	1										
Brewers and malsters.....		6	9		14 00	9					
Moline	1										
Carpenters and joiners.....		129	8	2 45		9					
Morris	1										
Miners		53	8	2 50		10	2 00		50		
Mt. Olive	1										
Team drivers.....		8									
Mt. Vernon	1										
Miners		60	8	2 10		10	1 50		60		
Murphysboro.....	7	759									
Cigar makers.....		12	8	2 25			2 25				
Carpenters and joiners.....		40	8	2 00		10					
Holisting engineers.....		14	8		18 75	12	1 75				
Retail clerks		59	12		8 00	14					
Hotel, etc., and waiters.....		31	10	{ 10 00 12 00		10	{ 10 00 12 00				
Miners		540	8	2 10		10					
Engineers		63	12	5 00		12	4 00		1 00		
New Athens	1										
Brewers and malsters.....		9	10	{ 9 00 16 00		13	{ 9 00 12 00		34 00		
New Baden.....	2	221									
Miners		200	8	2 10							
Carpenters and joiners.....		21	9	2 00		10	1 50		50		
Oakland	1										
Carpenters and joiners.....		82	8	2 40		8	2 00		40		
Odin	1										
Miners		190	8	2 10		10	1 75		25		
O'Fallon	2	252									
Miners		192	8	2 85		10	2 20		65		
do		60	8			10	1 50				

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901, OVER 1907.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Oglesby.....	2	26								
Miners.....		14	8	\$2 10						
Holisting engineers.....		12	9		\$19 50 22 50	12				
Ottawa.....	3	138								
Cigar makers.....		52	8	2 25		8	\$2 25			
Carpenters and joiners.....		67	9	2 45						
Painters.....		19	10	2 50	15 00					
Paisley.....	1									
Miners.....		60	8	2 10						
Pawnee.....	1									
Miners.....		87		2 28		10	1 75		\$0 53	
Pekin.....	6	184								
Carpenters and joiners.....		73	9	2 75						
Brick makers.....		15	9			10				
Team drivers.....		46	9	3 50		10	3 00		60	
Miners.....			8			8½				
Brick, tile, terra cotta.....		17	8½	2 00						
Cigar makers.....		33	8		12 00	8		9 00		\$3 00
Peoria.....	16	1,250								
Conductors.....		63	10		*100 00 75 00	10		* 75 00 100 00		
Painters.....		125	8	2 40	14 40	10				
Brick, tile, terra cotta.....		100	8½	2 00		9½				
Cigar makers.....		112	8	2 00		8	2 00			
Coopers.....		150		2 10						
Plumbers.....		27	8	3 50		8	3 25		25	
Barbers.....		74	10½			10½				
Typographical.....		98	8	3 00		8	3 00			
Firemen, railroad.....		126	10 12	1 75		10 12	1 50		25	
Steam engineers.....		90	12		15 00 25 00	12				
Trainmen, railroad.....		81	10	2 50 3 00		10	2 00 3 00		50	
Tailors.....		36	10		18 00			16 00		2 00
Conductors, railroad.....		64	10			10		*100 00 120 00		
Engineers, railroad.....		42	10							
do.....		52								
Peru.....	2	60								
Typographical.....		17	9		10 94					
Carpenters and joiners.....		43	9	2 40 2 30		9				
Pineknayville.....	1									
Team drivers.....		22	9	3 00						
Pontiac.....	2	22								
Bricklayers and masons.....		8	9	4 05		9				
Barbers.....		15	12	2 00	12 00					
Preemption.....	1									
Miners.....		15	8	3 00 3 00						

*Per month.

Table No. 6—Continued.

LOCATION AND TRADE.	Number of unions.	1901.				1897.			INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Pullman	4	381								
Brick, tile, terra cotta.....		70	8½	\$2 50		9½	\$2 00		\$0 50	
Carpenters		61	8½	\$3 40		8	\$3 00		40	
Iron molders		12		{ 1 57						
Brass workers.....		250	10	{ 3 15		10	\$3 50		50	
				{ 3 00						
Quincy.....	7	283								
Bricklayers and masons		36	9	\$3 25		10	\$3 00		25	
Steam engineers.....		25	11	{ 1 75						
				{ 2 25						
Brewers and malsters		27	10		{ \$12 00	10		{ \$12 00		
					{ 16 00			{ 16 00		
Letter carriers		68	10		10 65		{ 1 75			
							{ 2 75			
Typographical		50	{ 8		14 00	10				
			{ 9							
Sheet metal workers.....		76	9	\$2 00		10	\$2 00			
Brick, tile, terra cotta.....		50	8½	\$2 00		9½	\$2 25			
Randall	1									
Brick, tile, terra cotta.....		120	8½	\$2 00						
Rock Falls.....	1									
Wood workers		22	10	1 75						
Rockford	2	218								
Garment workers.....		78	10	1 50	10 00					
Carpenters and joiners.....		140	10	\$2 00		10	1 75	10 50	25	
Rock Island	3	223								
Bricklayers and masons		55	8	\$3 20		9	\$3 00		20	
Conductors, railroad.....		78	10					*125 00		
Iron molders		100	10	\$2 75		10	\$2 50		25	
Rutland.....	1									
Miners		225	8	\$2 10		10	1 75		35	
St. David	1									
Miners		125	8			10				
Salem	1									
Carpenters and joiners.....			8	\$2 00	12 00	10				
Savanna	2	82								
Firemen, R. R.....		58	10	\$2 25		10	\$2 25			
Switchmen		24	12	{ 2 50		10				
				{ 2 70						
Shermerville.....	2	103								
Brickmakers		42	8	\$3 50		8	\$2 70		80	
Brick, tile, terra cotta		60	8½	\$2 50		9½	1 75		25	
Sherrard.....	2	263								
Holisting engineers		12	8		20 15	12		17 65		\$3 50
Miners		250	8	1 50		10				
Sorento	1									
Miners		218	8	\$2 10		10	1 50		60	

*Per month.

Table No. 6—Continued.

LOCATION AND TRADES.	Number of unions.	1901				1897			INCREASE IN WAGES, 1901, OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.
				Per day.	Per week.		Per day.	Per week.		
Sparland.....	1									
Miners.....		40	8	\$2 10		8				
Sparta.....	3	243								
Miners.....		23	8			10				
..do.....		160	8	2 38		10				
..do.....		60	8			10	\$1 75			
Spaulding.....	1									
Miners.....		110	8	2 10		10	1 75		\$0 35	
Springfield.....	10	742								
Cigar makers.....		90	8	2 25		8	2 25			
Miners.....		25	8	2 25			2 25			
Garment makers.....		22	10	1 50						
Machinists.....		50	9	2 50		10				
Hoisting engineers.....		48	8		*74 00	12	{ 2 50 2 75	*65 00		*99 00
Tailors.....		47	10		15 00	10		12 00		3 00
Bricklayers and masons.....		50	8	4 05		9	4 05			
Miners.....		165	8	1 75		10	1 25		50	
Brick, tile, terra cotta.....		200	8½	2 00		9½				
Stationery firemen.....		45								
Spring Valley.....	2	650								
Miners.....		620	8	2 10		10	2 00		10	
Carpenters and joiners.....		30	9	{ 2 10 2 75						
Streator.....	11	718								
Cigar makers.....		34	8	2 25		8				
Glass workers.....		340	8	1 85		9	2 25		15	
Painters.....		50	8	2 40						
Brickmakers.....		62	10	1 70	10 20	10				
Hoisting engineers.....		18	8		17 50	12				
Letter carriers.....		7	8		16 38	8		16 38		
Brick, tile, terra cotta.....		40	9	1 65		10	1 25		40	
Plasters.....		19	8	4 00	24 00					
Brick, tile, terra cotta.....		60	8½	2 00						
..do.....		43	8½	2 50						
..do.....		45	8½	2 00						
Taylorville.....	1									
Barbers.....		35	13		10 00					
Toluca.....	2	188								
Miners.....		150	8	1 60		10	1 25		35	
Carpenters and joiners.....		38	10	{ 1 75 3 00						
Upper Alton.....	1									
Glass blowers.....		376	8½	5 00		8½				
Wenona.....	1									
Hoisting engineers.....		12	8		17 50					

* Per month.

Table No. 6—Concluded.

LOCATION AND TRADES.	Number of unions.	1901				1897				INCREASE IN WAGES 1901 OVER 1897.	
		Number em- ployed.	Working hours	WAGES.		Working hours	WAGES.		Per day.	Per week.	
				Per day.	Per week.		Per day.	Per week.			
MISCELLANEOUS.	27										
Chicago	24	5,076									
Bill posters.....		130	12	{ 2 00							
				{ 2 50							
Box makers & sawyers.....		490	10	{ 2 50		10	{ 2 50				
				{ 3 00			{ 3 00				
Brush makers.....		85	9	{ 2 50		8	{ 2 50				
Chandelier makers		87	9	{ 2 25		10	{ 1 75			50	
Cloth hat & cap makers.....		100	9½	{ 2 25		{ 10	{ 2 00			25	
						{ 11					
Drain'ge layers & help's.....		35	8	{ 2 25		8					
				{ 4 00							
Egg inspectors.....		235	10	{ 1 75							
				{ 2 00							
Felt hatters.....		60	8		25 00	8		20 00			5 00
Glove makers		180	10	{ 1 75							
				{ 1 50							
Gold beaters.....		64	10	{ 2 75		10	{ 2 75				
				{ 3 00			{ 3 00				
Granite cutters.....		40	8	{ 3 60		8	{ 3 60				
Horse nail makers.....		678	10	{ 1 75		12					
				{ 2 20							
Horse shoers.....		611	9	{ 3 00		9	{ 3 00				
				{ 3 50			{ 3 50				
Mattress makers.....		230	10	{ 2 25		10	{ 1 75			50	
Parquet floor workers..		120	8	{ 3 00		8	{ 2 50				
Pattern makers.....		300	9	{ 3 15		10	{ 2 50				
Photo engravers.....		150	8½		{ 18 00	9		12 00		6 00	
					{ 21 00			18 00		3 00	
Rubber workers.....		307	10	{ 1 75							
				{ 2 00							
Stone cutters.....		250	8	{ 4 00	22 00	8	{ 4 00	22 00			
Stone derrickmen.....		120	8	{ 3 00		8	{ 2 50			50	
Stone planers.....		60	8	{ 3 00		10	{ 3 00				
Theatrical stage empl's.....		251	8	{ 2 50		8	{ 2 50				
				{ 6 00			{ 6 00				
Traveling salesmen.....		1873									
Watch case engravers.....		20	10		16 00	10		16 00			
Litchfield.....	1										
Laundry workers		10	10	{ 4 00							
Roseoe.....	1										
Railroad telegraphers.....		489	12	{ 1 65							
Chicago.....	1										
Type foundry.....		120	9	{ 2 70		10	{ 2 95				

† Sell on commission.

The increase in wages, in 1901 over the wages 1897, as shown by Tables 5 and 6 applies directly to 45,717 persons employed in 1901, but would undoubtedly be applicable to the whole number reported employed, or, for that matter to the entire population of the State

employed in the different trades represented. However, confining the increase of wages to the 45,717 employes the following summary is deduced:

11,843 from 5 to 25 cents per day.
 14,631 from 25 to 50 cents per day.
 2,804 from 50 cents to \$1.00 per day.
 564 over \$1.00 per day.
 15,708 from \$1.00 to \$6.00 per week.
 167 from \$9.00 to \$22.00 per month.

This is perhaps a fair representation of the increase in wages as between the two years mentioned, and would possibly be verified by the wage workers throughout the State.

The following Tables 7 and 8 show the changes in hours of labor with the years in which changes were made, also the record, as far as reported, of the unemployed in 1901 by causes:

TABLE NO. 7—*Employment, Change in Hours, and Unemployed, by trades.*

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896			UNEMPLOYED IN 1901, BY CAUSE.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Totals	572	131,969	.....	.....	.....	.....	4,411	864	1,925	542	820
Bakers and confectioners.....	6	1,366	.....	.....	.....	.....	.....	.....	2	1	.....
East St. Louis.....	45	12	.....	.....	.....	.....	.....	.....	.....	.....
Belleville	16	12	1897	12	10	.....	.....	.....	.....	.....
Alton.....	10	2	1900	13	10	.....	.....	2	1	.....
Chicago.....	600	12	.....	.....	.....	.....	.....	.....	.....	.....
..do	525	12	1899	13	10	.....	.....	.....	.....	.....
..do	170	12	1899	12	10	.....	.....	.....	.....	.....
Barbers	7	225	.....	.....	.....	.....	.....	.....	.....	10	.....
Elgin.....	30	12	1899	13	11	.....	.....	.....	6	.....
Taylorville	35	12	1899	14	13	.....	.....	.....	4	.....
Decatur.....	41	12	.....	.....	.....	.....	.....	.....	.....	.....
Carlinville.....	1	12	1902	13	12	.....	.....	.....	.....	.....
Pontiac.....	15	12	1899	14	12	.....	.....	.....	.....	.....
Aurora.....	29	12	.....	.....	.....	.....	.....	.....	.....	.....
Peoria.....	74	12	.....	.....	.....	.....	.....	.....	.....	.....
Blacksmiths.....	4	189	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	12	.....	.....	.....	.....	.....	.....	.....	.....
..do	177	12	.....	.....	.....	.....	.....	.....	.....	.....
..do	12	12	.....	.....	.....	.....	.....	.....	.....	.....
..do

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Boot and shoe makers.....	3	814									
Dixon.....		114	11								
Chicago.....		700	9								
Brass workers.....	3	425							72		
Pullman.....		250	12								
Chicago.....		175							72		
Brewers and malsters.....	7	1,239									
LaSalle.....		42	12	1900	10	9					
Mendota.....		6									
Quincy.....		27	12								
New Athens.....		9	9	1899	13	10					
Chicago.....		695	11								
..do.....		340	7	1901	12	10					
..do.....		120	12								
Brick makers.....	4	149							9	11	
Streator.....		62	10								
Pekin.....		15	7	1901	10	9			9		
Kewanee.....		30	6	1901	10	8				1	
Shermerville.....		42	8							10	
Brick, tile and terra cotta.....	29	2,332									
Streator.....		40	12	1898	10	9					
Pullman.....		70	10	1899	9½	8½					
Bernice.....		58	10	1899	9½	8½					
Blue Island.....		250	10	1899	9½	8½					
Dalton.....		105	10	1899	9½	8½					
Kensington.....		72	10								
Chicago.....		252	10	1899	9½	8½					
Belleville.....		70	10	1899	9½	8½					
Collinsville.....		20	10	1899	9½	8½					
Springfield.....		200	10	1899	9½	8½					
Peoria.....		100	10	1899	9½	8½					
Edwardsville.....		28	10								
Streator.....		60	10								
Kewanee.....		33	10								
Pekin.....		17	10								
Streator.....		43	10								
Griffin.....		34	10								
East Peoria.....		35	10								
Chicago.....		100	10	1899	9½	8½					
Evanston.....		150	10								
Shermerville.....		60	10	1899	9½	8½					
Blue Island.....		60	10								
Glen Carbon.....		90	10	1899	9½	8½					
Quincy.....		50	10	1899	9½	8½					
Randall.....		120	10								
Streator.....		45	10								
Jacksonville.....		42	10								
Chicago.....		68	8								
..do.....		65	9								
Broom makers.....	2	86									
Aurora.....		5	8								
Chicago.....		80	12	1898	10	9½			20	20	

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability.	Other causes.
BUILDING TRADES.....	91	26,799					349	126	187	27	12
Bricklayers	10	3,378									
Quincy.....		36	6	1897	10	9					
East St. Louis.....											
LaSalle.....		35	9								
Decatur.....		27	9	1901	10	9					
Rock Island.....		55	7	1901	9	8					
Pontiac.....		8	9								
Bloomington.....		30	10	1899	9	8					
Springfield.....		50	9	1898	9	8					
Chicago.....		3,100	6								
Belleville.....		37	12								
Carpenters and joiners.....	44	12,327						121	62	17	12
Murphysboro.....		40	8	1899	10	8					
Madison.....		111	12	1900	10	8					
Mascoutah.....		18	10	1900	10						12
East St. Louis.....		200	7							10	
Collinsville.....		55	11	1898	9	8				1	
Pekin.....		73	10	1901	10	9					
Chillicothe.....		15	10								
Ottawa.....		67	11							2	
New Baden.....		21	12	1901	10	9		21		3	
Kewanee.....		65	10	1900	10	9					
Bloomington.....		150	10	1901	10	8				60	
Herrin.....		50	10					80		2	
Centralia.....		70	9	1900	10	8		70			
Salem.....			12	1901	10	8					
Marissa.....		24	8	1900	10	9					
Pern.....		43	8								
Rockford.....		140	12								
Toluca.....		38	10								
Moline.....		129	10	1901	9	8					
Elgin.....		50	10	1901	10	9					
Spring Valley.....		30	9	1900	10	9					
Belleville.....		105	12	1900	9	8					
East St. Louis.....		225	12								
Alton.....		100	10	1900	10	8					
Oakland.....		82									
Evanston.....		52									
Chicago.....		128	12								
..do.....		4,700	9								
..do.....		137									
Austin.....		126									
Chicago.....		52	10 to 11								
Fullman.....		61	10								
Chicago.....		277	10								
..do.....		361	10								
..do.....		242	10 to 11								
..do.....		180									
..do.....		244	10 to 11								
..do.....		682									
..do.....		602	10 to 11								
..do.....		236									
..do.....		130	10								
..do.....		230	10								
..do.....		917									
..do.....		1,024	9 to 11								
Gravel Roofers.....	1										
Chicago.....		315	9 to 10								

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Hod Carriers.....	4	6,022									
Chicago.....		2,637	9 to 10								
..do.....		385	10	1900	8						
..do.....		2,200	10	1900	8						
..do.....		800									
Lathers.....	3	232									
Joliet.....		15	12	1901	10	8					
Chicago.....		210	8 ¹⁻²	1897	10	8					
Bloomington.....		7	12	1900	9	8					
Painters.....	21	3,335					38		125	10	
Peoria.....		125	7	1900	10	8	17		125	9	
Elgin.....		60	9	1900	9	8					
Decatur.....		60	10								
Streator.....		50	10 ¹⁻²								
Ottawa.....		19	6				19				
Kankakee.....		23	2				2			1	
Joliet.....		54	8	1899	10	8					
Chicago.....		105	6	1900	8						
..do.....				1900	8						
..do.....		420	6	1900	8						
..do.....		95	6	1900	8						
..do.....		316	6	1900	8						
..do.....		960	6	1900	8						
..do.....		65	6	1500	8						
..do.....		60	6								
..do.....		378	6	1500	8						
Evanston.....		150	6	1900	8						
Chicago.....		150	6	1900	8						
..do.....		141	7	1900	8						
Belleville.....		37	10	1900	9	8					
Chicago.....		75	9								
Plasterers.....	4	494					11	5			
Bloomington.....		16	11	1898	10	8					
Joliet.....		9	7	1898	10	8	11	5			
Streator.....		19	8	1899	9	8					
Chicago.....		450	10								
Plumbers.....	4	696					300				
Champaign.....		15									
Chicago.....		154	12	1890	8						
..do.....		500		1898	8		300				
Peoria.....		27	11	1899	9	8					
Butchers and meat cutters.....	10	3,800									
Chicago.....		250	12								
..do.....		300	12								
..do.....		800	12								
..do.....		150	12								
..do.....		250	12								
..do.....		250	12								
..do.....		650	12								
..do.....		250	12								
..do.....		800	12								
..do.....		100	12								

*Saturdays only.

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.....	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901. BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability.	Other causes.
Cigar makers.....	25	2,450					30	139	30	43	91
Belvidere.....		34	12							7	
Alton.....		45	11				3				
Kewanee.....		28	12				3	28		3	1
Centralla.....		19	12								
Chicago.....		35	12				5	8		4	
Kankakee.....		7	12	1901	10	8					
Streator.....		34	12								
Canton.....		55	11 ³				3	1		1	
Murphysboro.....		12	12								
Springfield.....		90	11				3	90		22	90
Ottawa.....		52	10						30	5	
Danville.....		48	12								
Chicago.....		43	12					12			
..do.....		162	12								
..do.....		37	12								
..do.....		1,384	12								
Pekin.....		33	12				1			1	
Peoria.....		112	12								
Havana.....		12	12								
Blue Island.....		26	12								
Chicago.....		28	11								
Decatur.....		94	12								
Bloomington.....		60	9								
CLERICAL TRADES.....	30	2,710					4		3	3	
Hotel, etc., waiters.....	3	194					2		3	3	
Duquoin.....		13	11				2		3		
Murphysboro.....		31	11							3	
Chicago.....		150	12								
Postoffice clerks.....	1										
Chicago.....		220	12								
Railway clerks.....	1										
Chicago.....		640	12								
Retail clerks.....	24	1,656					2				
Centralla.....		56	12	1900	12	11					
Kewanee.....		60	12								
Murphysboro.....		59	12								
Alton.....		85	12								
Aurora.....		16	12								
La Salle.....		100	12				2				
Chicago.....		50	12								
..do.....		45	12								
..do.....		170	12								
..do.....		60	12								
..do.....		50	12								
..do.....		50	10								
..do.....		70	12								
..do.....		50	12								
..do.....		76	12								
..do.....		76	12								
..do.....		50	12								
..do.....		74	12								
..do.....		87	12								
..do.....		55	12								
..do.....		40	12								
..do.....		125	12								
..do.....		32	12								

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Coopers.....	5	373					120		20	10	46
Alton.....		21	12								
East St. Louis.....		53	12								
Peoria.....		150	10				120		20	10	46
Chicago.....		47	12								
..do.....		102									
Electrical workers.....	4	928					15	225	240	19	4
Chicago.....		360	12								
..do.....		325	8					225	240	12	4
..do.....		32	9				15				
..do.....		161								3	
Elevator constructors.....	2	806									
Chicago.....		205	12								
..do.....		600	12								
GARMENT WORKERS.....	21	7,074					12				
Cutters.....	1										
Chicago.....		200	10								
Garment makers.....	4	726									
Springfield.....		22	10								
Rockford.....		78	12								
Chicago.....		200	8								
..do.....		426									
Garment workers—special order.....	18	5,200									
Chicago.....		150	10								
..do.....		50	10								
..do.....		25	10								
..do.....		250	10								
..do.....		25	10								
..do.....		300	10								
..do.....		100	10								
..do.....		200	10								
..do.....		300	10								
..do.....		200	10								
..do.....		300	10								
..do.....		900	10								
..do.....		150	10								
..do.....		1,000	10								
..do.....		700	10								
..do.....		250	10								
..do.....		200	10								
..do.....		100	10								
Tailors.....	8	939					12				
Champaign.....		21	9								
Belleville.....		12	10				12				
Alton.....		15	8								
Springfield.....		47	10								
Elgin.....		28	7								
Danville.....		15	10								
Peoria.....		36	8								
Chicago.....		764	10								

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901—BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Glass Blowers	6	1,426									
Streator		340	10								
Upper Alton		376	10								
Alton		386	10								
Belleville		168	9 ¹ / ₂								
East St. Louis		78	9								
Chicago		78	12								
Holting Engineers	15	411					1			11	7
Sherrard		12	12								
Farmington		27	12								3
Collinsville		37	12								
Decatur		15	12								
Murphysboro		14	12							1	2
Oglesby		12	12							3	
Springfield		48	12								
Athens		19	12								
Coal City		36	12				1				1
Herrin		16	12							4	
Streator		18	12							3	
Marion		18	12								
Wenona		12	12								1
Belleville		65	12								
Chicago		62	10								
IRON TRADES—89		7,110					8	220	147	164	142
Architectural Workers	7	1,010									
Chicago		50	12								
..do.		225	12								
..do.		175	12								
..do.		75	12								
Glenco		100									
Chicago		175									
..do.		210									
Boiler Makers	8	1,120									
Chicago		32	12								
..do.		21	12								
..do.		300	12								
..do.		500	12								
..do.		125	12								
..do.		22	12								
..do.		32	12								
..do.		88	12								
Bridge Workers, Structural	1						a				
Chicago		966	12				200	b 70	c140	e125	
Iron Molders	12	3,075									
Freeport		83	12								
Belleville		291	11 ¹ / ₂								
Rock Island		100	11								

a 70 days.

b 12 days.

c 30 days.

e 10 days.

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901— BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Iron Molders—Concluded.											
East St. Louis.....	...	81	12								
Chicago.....	...	250	12								
..do.....	...	525	12								
..do.....	...	435	12								
..do.....	...	375	12								
Harvey.....	...	425	12								
Chicago.....	...	390	12								
..do.....	...	190	12								
Fullman.....	...		12								
Iron, Tin, Steel Workers	2	115									
Granite City.....	...	35	11								
Joliet.....	...	79	12								
Metal Polishers	2	186							77		
Belleville.....	...	25	10								
Chicago.....	...	160	12						77		
Sheet Metal Workers	4	393					8			4	2
Elgin.....	...	15					24			b3	
Evanston.....	...	10	12							e1	
Quincy.....	...	25	12	1899	10	9	c4				c2
Chicago.....	...	342	10	1899	8					e1	
Stove Mounters	1										
Aurora.....	...	20	11		9	10		20		20	15
United Metal Workers	1										
Chicago.....	...	225	12								
Leather Workers	2	519					15			6	5
Quincy.....	...	69	12				15			6	5
Chicago.....	...	450	12								
Letter Carriers	3	137									
Streator.....	...	7	12								
Mattoon.....	...	5	12								
Chicago.....	...	125	11								
Machinists	23	2,658					20	4	725	34	45
Elgin.....	...	93	12	1901	10	9					
Aurora.....	...	98	12	1899	10	9	4			114	
Springfield.....	...	50	11 ¹⁻²								
Belleville.....	...	38	12	1901	10	9					
Chicago.....	...	80	12	1900	10	9			141		
..do.....	...	100	12						h40	10	
..do.....	...	30	12						116		
..do.....	...	75	12	1900	10	9			187		
Maywood.....	...	116	12	1901	10	9					
Chicago.....	...	42	12			9					
..do.....	...	60	12	1900	10	9			118		
..do.....	...	141	12	1897	10	9					
..do.....	...	100	12	1900	10	9			166		
..do.....	...	110		1900	10	9					

† 13 weeks.
‡ 12 months.

a 60 days.

b 30 days.

c 90 days.

e 120 days.

h 90 days.

Table No 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes....
Machinists—Concluded.											
Chicago.....		300		1900	10	9			a228		
..do.....		175	12	1900	10	9			a145		
..do.....		80	12	1900	10	9			a12		
..do.....		144		1900	10	9					
..do.....		86	12	1900	10	9			a35		
..do.....		75	12								
Bloomington.....			12					4			30
Chicago.....		465	12	1901	10	9	16		a40	10	15
..do.....		300	12								
Miners—Coal.....	61	9,498					2,358		110	109	501
Lake Creek.....		30	9				b20				
Hallidayboro.....		275	7	1898	10	8					
Birkner Station.....		80	12	1898	10	8					
Herrin.....		100	12	1898	10	8					
Morris.....		53	9	1899	10	8					
Edwards.....				1899	9	8					
Pawnee.....		87	11							6	6
Flatt.....		25	8	1900	10	8					
Chenoa.....		13	5				2			1	
Elmwood.....					9	8					
Greenview.....		140	12	1898	10	8	c140				
Hanna City.....		45	12	1899	9	8	d45				
Kingston Mines.....		145	8								
Lenzburg.....		55	12	1898	9	8					
Spaulding.....		110	12	1898	10	8					
Lincoln.....		30	8	1898	10	8				e4	
Auburn.....		287	7	1898	10	8				20	
Ledford.....		143	12	1898	10	8					
Girard.....		95	5	1898	10	8				f3	
Colchester.....		105	12	1899	10	8					
Oglesby.....		14	12	*	*	*					
DeSoto.....		130	1 ³ / ₄	1898	10	8			g50		
Springfield.....		25	11	*	*	*				h9	
New Baden.....		200	12	*	*	*					
Mt. Vernon.....		60	9	1898	10	8			160		
Kangley.....		225	10	1898	10	8	j225			h10	
Marion.....		75	3	1898	10	8					
Spring Valley.....		620	12	1898	10	8	k620			25	
Bartonville.....		40	e6	*	*	*					
Odin.....		190	11	1898	10	8					i190
O'Fallon.....		192	8	1898	10	8					
Cable.....		165	12	1900	10	8	j161			i3	
Pekin.....			*	1899	8 ¹ / ₂	8					
Himrod.....		200	8	1898	10	8					
Glen Carbon.....		431	10	*	*	*					
Preemption.....		15	6	*	*	*					
Georgetown.....		85	8	1899	10	8				b85	
Sorento.....		212	8	*	*	*	1			h204	
Cartersville.....		285	11	1898	10	8					
Rutland.....		225	12	1898	10	8				m8	
Toluca.....		150	9	1898	10	8				115	
Astoria.....		140	6	1898	10	8					
Springfield.....		165	8	1898	10	8					k36
Sparland.....		40	11	*	*	*					
Sherrard.....		250	12	1900	10	8	8				
Auburn.....		35	*	*	*	*					
Belleville.....		230	8	1898	10	8					
..do.....		200	8	1898	10	8					

a 12 months. b 90 days. c 75 days. d 153 days. e 34 days. f 70 days. g 255 days. h 120 days. i 30 days. j 60 days. k 30 days. l 250 days. m 350 days.

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock outs.	Sickness or other disability	Other causes.
Miners, Coal—Concluded.											
Belleville	497	9	1898	10	8	a497	...	...	...	...
O'Fallon	60	9	1898	10	...	...	...	...	...	...
St. David	125	9	1898	10	...	...	...	...	...	...
Duquoin	463	8	1898	10	...	...	...	...	...	...
Murphysboro	540	12	1898	10	...	...	...	...	...	...
Sparta	23	10	1898	10	...	...	...	...	...	...
do	160	10	1898	10	...	...	...	...	...	...
Caseyville	60	9	1898	10	...	b21	...	...	...	...
Collinsville	712	9	1898	10	...	b712	...	...	...	...
Freeburg	110	8	1898	10	...	b110	...	...	...	...
Marissa	225	9	1898	10	...	b225	...	...	...	...
Sparta	60	6	1898	10	...	b15	...	...	...	...
Paisley	60	8	*	*	*	c100	...	...	...	...
Musicians	2	2,096	...	...	...	...	...	...	...	...	...
Jacksonville	46	3	*	*	*	...	...	...	...	...
Chicago	2,050	*	*	*	*	...	...	...	...	...
PRINTING TRADES	25	5,955	...	...	...	...	330	...	...	13	...
Pressmen	14	5,482	...	...	...	...	330	...	...	...	...
Danville	35	11	1900	10	9	d5	...	...	...	...
Kewanee	10	12	...	...	...	...	...	...	...	...
Canton	1899	10	9	...	...	...	...	...
Chicago	88	12	1897	9	8	...	...	...	...	...
do	2,200	9	1899	9 ¹	9	200	...	...	...	...
do	520	12	1901	10	9	25	...	...	...	...
do	145	8	*	*	*	...	...	...	...	...
do	325	9	1899	10	9	...	...	...	...	...
do	1,900	12	*	*	*	e100	...	...	...	...
Elgin	20	12	1897	10	9	...	...	...	...	...
Alton	20	12	1901	10	9	...	...	...	...	...
Chicago	35	12	*	*	*	...	...	...	...	...
do	86	12	...	...	...	...	...	...	...	...
Peoria	98	12	...	...	...	...	...	...	...	...
Stereotypers	1	...	...	...	...	...	...	...	...	...	...
Chicago	120	12	1900	9	8	...	...	...	...	...
Typographical	9	353	...	...	...	...	...	...	...	13	...
Peru	17	5	...	...	...	...	...	...	...	...
Decatur	36	12	1899	10	9	...	...	...	...	...
Elgin	28	12	1900	10	9	...	...	...	...	...
Bloomington	59	12	1900	10	9	...	...	...	...	...
Quincy	50	12	1900	10	9	...	...	...	...	...
Chicago	40	12	1900	10	9	...	...	...	...	...
do	30	12	1898	10	9	f	...	...	...	...
do	75	12	*	*	*	...	...	...	...	...
Belleville	18	12	*	*	*	...	...	...	...	...

a 90 days. b 70 days. c 60 days. d 120 days. e 3½ days. f 200 days.

* Not reported.

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
RAILROAD EMPLOYES.....	68	8,124								5	2
Conductors.....	12	1,380								2	
Galesburg.....		96	12							a2	
Aurora.....		89	12								
Rock Island.....		78	12								
Peoria.....		63	12								
Clinton.....		26	12								
Alton.....		21	12								
Chicago.....		124	12								
Blue Island.....		275	12								
Chicago.....		384	12								
..do.....		100	12								
Mattoon.....		60	12								
Peoria.....		64	12								
Engineers.....	17	980								3	2
Clinton.....		50	12							3	2
Blue Island.....		37	12	1900	11	10					
Chicago.....		35	12	1900	11	10					
..do.....		53	*	1900	11	10					
..do.....		76	12	1900	11	10					
..do.....		57	12	1900	11	10					
..do.....		54	12	1900	11	10					
..do.....		43	12	1900	11	10					
..do.....		96	12	1900	11	10					
..do.....		52	12	1900	11	10					
..do.....		66	12	1900	11	10					
..do.....		46	12	1900	11	10					
..do.....		35	12	1900	11	10					
..do.....		73	12	1900	11	10					
Murphysboro.....		63	12	1900	11	10					
Peoria.....		42	12								
..do.....		52	12								
Firemen.....	17	1,447									
East St. Louis.....		50	12								
Savanna.....		58	12								
Chicago.....		25	12								
..do.....		25	12								
..do.....		60	12								
Blue Island.....		60	12								
Chicago.....		35	12								
..do.....		72	12								
..do.....		40	12								
..do.....		66	12								
..do.....		30	12								
..do.....		210	12								
..do.....		280	12								
..do.....		180	12								
..do.....		30	12								
..do.....		140	12								
Peoria.....		136	12								
Freight handlers.....	4	3,232									
Chicago.....		837	12								
..do.....		765	*								
..do.....		946	12								
..do.....		684	12								

a 300 days.

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Switchmen	7	1,135	.....	.....	.....	.....	.....	.....	.....	13	.....
Joliet.....	88	13	.....	.....	.....	.....	.....	.....	23	.....
Savanna.....	24	13	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	200	13	.....	.....	.....	.....	.....	.....	.....	.....
Blue Island.....	150	13	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	200	13	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	250	13	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	225	13	.....	.....	.....	.....	.....	.....	.....	.....
Trainmen.....	10	1,328	.....	.....	.....	.....	8	.....	.....	3	.....
Chillicothe.....	80	*	.....	.....	.....	b8	.....	.....	c3	.....
Chicago.....	184	10	.....	.....	.....	b8	.....	.....	c3	.....
..do.....	380	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	65	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	250	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	121	13	.....	.....	.....	.....	.....	.....	.....	.....
Blue Island.....	80	13	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	40	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	87	12	.....	.....	.....	.....	.....	.....	.....	.....
Peoria.....	81	12	.....	.....	.....	.....	.....	.....	.....	.....
Stationary firemen.....	2	236	.....	.....	.....	.....	.....	.....	6	3	.....
Springfield.....	45	11	.....	.....	.....	.....	d6	.....	3e	.....
Chicago.....	250	10	1900	12	8	.....	.....	.....	.....	.....
Steam engineers.....	3	515	.....	.....	.....	.....	.....	.....	.....	.....	.....
Quincy.....	25	12	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	400	12	.....	.....	.....	.....	.....	.....	.....	.....
Peoria.....	90	12	.....	.....	.....	.....	.....	.....	.....	.....
Steam fitters.....	2	650	.....	.....	.....	.....	50	.....	100	.....	.....
Chicago.....	250	11	.....	.....	.....	50	.....	.....	.....	.....
..do.....	300	12	.....	.....	.....	.....	.....	100	.....	.....
Street car employes.....	6	9,125	.....	.....	.....	.....	.....	.....	.....	.....	.....
Belleleville.....	150	12	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	275	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	4,000	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	308	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	400	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	4,000	12	.....	.....	.....	.....	.....	.....	.....	.....
Team drivers.....	13	15,688	.....	.....	.....	8	40	50	.....	2	.....
Pekin.....	46	12	1902	10	9	.....	.....	.....	.....	.....
Mt. Olive.....	8	12	.....	.....	.....	.....	.....	.....	.....	.....
Pinckneyville.....	22	12	1900	10	9	.....	.....	.....	.....	.....
Joliet.....	50	9	.....	.....	.....	240	250	.....	h2	.....
Centralia.....	32	12	1901	10	8	.....	.....	.....	.....	.....
Chicago.....	730	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	900	12	1901	12	14	.....	.....	.....	.....	.....
..do.....	1,400	12	1901	13	11	.....	.....	.....	.....	.....
..do.....	600	12	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	6,000	12	1901	12	11	.....	.....	.....	.....	.....
..do.....	4,000	12	1901	12	11	.....	.....	.....	.....	.....
..do.....	900	12	1901	13	11	.....	.....	.....	.....	.....

a 230 days. b 120 days. c 120 days. d 14 days. e 30 days. f 90 days. g 45 days. h 21 days.

Table No. 7—Continued.

TRADES AND LOCATION.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Team drivers—Uncluded.											
Chicago.....	1	1,000	8	1901	12	11					
Vessel unloaders.....	5	4,959									
Chicago.....		290	*	1901	10	9					
do.....		4,000	6	*	*	*					
do.....		520	7	*	*	*					
do.....		45	8	*	*	*					
do.....		104	7	*	*	*					
Wood block pavers.....	2	335									
Chicago.....		95	8	*	*	*					
do.....		240	9	1900	9	8					
Wood workers.....	15	3,682					60			6	
Rock Falls.....		22	12	*	*	*					
East St. Louis.....		60	9	*	*	*	a60			b6	
Chicago.....		340	9	1898	10	9					
do.....		419	9	1898	10	9					
do.....		845	9	1898	10	9					
do.....		600	9	1898	10	9					
do.....		390	9	1898	10	9					
do.....		500	9	1898	10	9					
do.....		53	9	1898	10	9					
do.....		60	9	*	*	*					
do.....		60	9	*	*	*					
do.....		60	9	*	*	*					
do.....		100	12	*	*	*					
do.....		38	11	1901	10	9					
do.....		135	12	1899	10	9					
MISCELLANEOUS.....	27	5,695					100		144	16	10
Bill posters.....	1										
Chicago.....		120	12	*	*	*					
Box makers and sawyers.....	1										
Chicago.....		490	11 ^a	1901	8	9	c10				
Brush makers.....	1										
Chicago.....		85	12	1901	10	9					10
Chandler makers.....	1										
Chicago.....		87	10	1902	10	9 ^a					
Cloth hat and cap makers.....	1										
Chicago.....		100	11	*	*	*	d50		e14	d14	
Drainage layers and helpers.....	1										
Chicago.....		35	11	*	*	*					
Egg inspectors.....	1										
Chicago.....		235	8	*	*	*					
Felt hatters.....	1										
Chicago.....		60	10	*	*	*					

a 90 days.

b 60 days.

c 200 days.

d 14 days.

e 6 days.

* Not reported.

Table No. 7—Continued.

TRADES AND LOCATION,	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Miscellaneous—Concluded.											
Glove makers.....	1										
Chicago.....		180	12	*	*	*			a105		
Gold beaters.....	1										
Chicago.....		64	12	*	*	*					
Granite cutters.....	1										
Chicago.....		40	9	*	*	*					
Horse nail makers.....	1										
Chicago.....		678	12	*	*	*					
Horse shoers.....	1										
Chicago.....		611	9	*	*	*					
Laundry workers.....	1										
Litchfield.....		10	12	*	*	*					
Mattress makers.....	1										
Chicago.....		230	12	*	*	*					
Parquet floor workers.....	1										
Chicago.....		120	9	*	*	*					
Pattern makers.....	1										
Chicago.....		300	12	1897	10	9			b25		
Photo engravers.....	1										
Chicago.....		150	11	1900	9	8					
Railroad telegraphers.....	1										
Roscoe.....		459	12	*	*	*					
Rubber workers.....	1										
Chicago.....		307	12	*	*	*					
Stone cutters.....	1										
Chicago.....		250	10	*	*	*	c40			d10	
Stone derrickmen.....	1										
Chicago.....		120	8	*	*	*					
Stone planers.....	1										
Chicago.....		60	10	1897	10	8					
Theatrical stage employes.....	1										
Chicago.....		251	9	*	*	*					
Traveling salesmen.....	1										
Chicago.....		373	9	*	*	*					
Watch case engravers.....	1										
Chicago.....		20	10½	*	*	*					
Type foundries.....	1										
Chicago.....		120	9								

* No record. a 90 days. b 60 days. c 120 days. d 100 days.

* Not reported.

TABLE NO. 8—*Employment, Change in Hours and Unemployed, by Location and Trade.*

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.		UNEMPLOYED IN 1901. BY CAUSES.					
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Grand totals	572	131,969	.....	.....	.....	.....	4,411	864	1,925	542	330
Alton	9	708	.....	.....	.....	.....	2	.....	2	1	.....
Cigar makers .....	.....	45	11	.....	.....	.....	2	.....	.....	.....	.....
Bakers and confectioners .....	.....	10	3	1900	12	10	.....	.....	2	1	.....
Tailors .....	.....	15	8	.....	.....	.....	.....	.....	.....	.....	.....
Retail clerks .....	.....	85	12	.....	.....	.....	.....	.....	.....	.....	.....
Conductors .....	.....	21	12	.....	.....	.....	.....	.....	.....	.....	.....
Glass blowers .....	.....	386	10	.....	.....	.....	.....	.....	.....	.....	.....
Coopers .....	.....	21	12	.....	.....	.....	.....	.....	.....	.....	.....
Pressmen .....	.....	20	12	1901	10	9	.....	.....	.....	.....	.....
Carpenters and joiners .....	.....	100	10	1900	10	8	.....	.....	.....	.....	.....
Astoria	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	140	6	1898	10	8	.....	.....	.....	.....	.....
Athens	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hoisting engineers .....	.....	19	12	.....	.....	.....	.....	.....	.....	.....	.....
Auburn	2	322	.....	.....	.....	.....	.....	.....	.....	20	.....
Miners .....	.....	287	7	1898	10	8	.....	.....	.....	20	.....
do .....	.....	35	.....	.....	.....	.....	.....	.....	.....	.....	.....
Aurora	6	257	.....	.....	.....	.....	6	20	.....	24	15
Conductors .....	.....	89	12	.....	.....	.....	.....	.....	.....	.....	.....
Machinists .....	.....	98	12	1899	10	9	4	.....	.....	14	.....
Broommakers .....	.....	5	8	.....	.....	.....	.....	.....	.....	.....	.....
Barbers .....	.....	29	12	.....	.....	.....	.....	.....	.....	.....	.....
Retail clerks .....	.....	16	12	.....	.....	.....	2	.....	.....	.....	.....
Stove mounters .....	.....	20	11	.....	9	10	.....	20	.....	20	15
Austin	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters and joiners .....	.....	126	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bartonville	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	40	6	.....	.....	.....	.....	.....	.....	.....	.....
Belleville	16	1,961	.....	.....	.....	.....	510	.....	.....	.....	.....
Metal polishers .....	.....	26	10	.....	.....	.....	.....	.....	.....	.....	.....
Iron molders .....	.....	291	11 ¹ / ₂	.....	.....	.....	.....	.....	.....	.....	.....
Bakers and confectioners .....	.....	16	12	1897	12	10	.....	.....	.....	.....	.....
Tailors .....	.....	13	10	.....	.....	.....	13	.....	.....	.....	.....
Hoisting engineers .....	.....	65	12	.....	.....	.....	.....	.....	.....	.....	.....
Street car employes .....	.....	150	12	.....	.....	.....	.....	.....	.....	.....	.....
Machinists .....	.....	88	12	1901	10	9	.....	.....	.....	.....	.....
Brick, tile, terra cotta .....	.....	70	10	1899	9 ¹ / ₂	8 ¹ / ₂	.....	.....	.....	.....	.....
Painters .....	.....	37	10	1900	9	8	.....	.....	.....	.....	.....
Carpenters and joiners .....	.....	105	12	1900	10	8	.....	.....	.....	.....	.....
Typographical .....	.....	18	12	.....	.....	.....	.....	.....	.....	.....	.....
Glass bottle blowers .....	.....	168	9 ¹ / ₂	.....	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	230	8	1898	10	8	.....	.....	.....	.....	.....
do .....	.....	200	8	1898	10	8	.....	.....	.....	.....	.....
do .....	.....	497	9	1898	10	8	497	.....	.....	.....	.....
Bricklayers .....	.....	37	12	.....	.....	.....	.....	.....	.....	.....	.....
Belvidere	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cigar makers .....	.....	24	12	.....	.....	.....	.....	.....	.....	1	.....

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1898.			UNEMPLOYED IN 1901. BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Berkner Station	1										
Miners		80	12	1898	10	8					
Bernice	1										
Brick, tile, terra cotta		58	10	1899	9 ¹ / ₂	8 ¹ / ₂					
Bloomington	7	222						4	60		30
Carpenters and joiners		150	10	1901	10	8			60		
Bricklayers and masons		30	10	1899	9	8					
Plasterers		16	11	1898	10	8					
Typographical		59	12	1900	10	9					
Lathers		7	12	1900	9	8					
Machinists			12								
Cigars		60	9					4			30
Blue Island	8	228									
Conductors		275	12								
Engineers		37	12	1900	11	10					
Switchmen		150	12								
Trainmen		80	12								
Firemen, railroad		60	12								
Brick, tile, terra cotta		250	10	1899	9 ¹ / ₂	8 ¹ / ₂					
Brick, tile, terra cotta		60	10								
Cigars		26	12								
Cable	1										
Miners		165	12	1900	10	8	161				3
Canton	2	55					2	1			1
Cigarmakers		55	11 ¹ / ₂				2	1			1
Typographical				1899	10	9					
Carlinville	1										
Barbers		1	12								
Cartersville	1										
Miners		285	11	1898	10	8					
Caseyville	1										
Miners		60	9	1898	10	8	21				
Centralla	4	177						70			
Cigars		19	12								
Carpenters and joiners		70	9	1900	10	8		70			
Retail clerks		56	12	1900	12	11					
Team drivers		32	12	1901	10	8					
Champaign	2	36									
Plumbers		15									
Tailors		21	9								
Chenoa	1										
Miners		13	5				2				1

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901. BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Chicago.....	263	102,262	.....	.....	.....	.....	563	545	1,379	182	144
Cigars.....	35	13	.....	.....	.....	.....	5	8	.....	4	.....
Machinists.....	80	13	1900	10	9	.....	.....	.....	40	.....	.....
..do.....	100	12	.....	.....	.....	.....	.....	.....	40	10	.....
..do.....	30	13	.....	.....	.....	.....	.....	.....	18	.....	.....
..do.....	75	12	1900	10	9	.....	.....	.....	87	.....	.....
..do.....	42	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	60	13	1900	10	9	.....	.....	.....	18	.....	.....
..do.....	141	12	1897	10	9	.....	.....	.....	86	.....	.....
..do.....	100	12	1900	10	9	.....	.....	.....	.....	.....	.....
..do.....	110	12	1900	10	9	.....	.....	.....	.....	.....	.....
..do.....	300	12	1900	10	9	.....	.....	.....	225	.....	.....
..do.....	175	12	1900	10	9	.....	.....	.....	145	.....	.....
..do.....	90	12	1900	10	9	.....	.....	.....	12	.....	.....
..do.....	144	12	1900	10	9	.....	.....	.....	.....	.....	.....
..do.....	96	12	1900	10	9	.....	.....	.....	.....	.....	.....
Cigars.....	43	13	.....	.....	.....	.....	.....	12	.....	.....	.....
..do.....	162	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	37	13	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	1,334	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conductors.....	124	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trainmen.....	184	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conductors.....	384	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trainmen.....	380	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	65	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	260	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	181	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Engineers.....	85	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	63	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	76	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	87	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	64	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	43	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	96	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	62	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	68	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	46	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	85	12	1900	11	10	.....	.....	.....	.....	.....	.....
..do.....	73	12	1900	11	10	.....	.....	.....	.....	.....	.....
Switchmen.....	200	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	200	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	260	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	228	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Trainmen.....	40	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	87	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Conductors.....	100	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Firemen.....	25	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	25	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	60	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	35	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	72	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	40	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	66	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	30	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	210	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	230	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	180	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	30	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	140	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
Teamsters.....	780	12	.....	.....	.....	.....	.....	.....	.....	.....	.....
..do.....	900	12	1901	13	11	.....	.....	.....	.....	.....	.....
..do.....	1,400	12	1901	13	11	.....	.....	.....	.....	.....	.....

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Chicago—Continued.											
Teamsters.....		600	12								
.. do		6,000	12	1901	13	11					
.. do		4,000	12	1901	12	11					
.. do		900	12	1901	13	11					
.. do		1,000	8	1901	12	11					
Boiler makers.....		32	12								
.. do		21	12								
.. do		300	12								
.. do		500	12								
.. do		125	12								
.. do		22	12								
.. do		32	12								
.. do		88	12								
Butchers and meat cutters.....		250	12								
.. do		300	12								
.. do		800	12								
.. do		150	12								
.. do		250	12								
Type foundries.....		120	12	1899	10	9				13	
Butchers and meat cutters.....		250	12								
.. do		650	12								
.. do		250	12								
.. do		800	12								
.. do		100	12								
Garment workers, sp. order.....		150	10								
.. do		50	10								
.. do		25	10								
.. do		250	10								
.. do		25	10								
.. do		300	10								
.. do		100	10								
.. do		200	10								
.. do		*									
.. do		300	10								
.. do		200	10								
.. do		300	10								
.. do		900	10								
.. do		150	10								
.. do		1,000	10								
.. do		700	10								
.. do		250	10								
.. do		200	10								
.. do		100	10								
.. do		80	12								
Retail clerks.....		45	12								
.. do		170	12								
.. do		60	12								
.. do		80	12								
.. do		50	12								
.. do		60	10								
.. do		70	12								
.. do		50	12								
.. do		76	12								
.. do		76	12								
.. do		50	12								
.. do		74	12								
.. do		87	12								
.. do		65	12								
.. do		40	12								
.. do		125	12								
Architectural workers.....		50	12								
United metal workers.....		225	12								

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1898.		UNEMPLOYED IN 1901, BY CAUSES.							
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.		
Chicago—Continued.													
Machinists		75	12										
Architectural workers		225	12										
.. do		175	12										
.. do		75	12										
.. do		175											
.. do		210											
Painters		105	6	1900	8								
.. do				1900	8								
.. do		420	6	1900	8								
Painters, glaziers		95	6	1900	8								
Painters		216	6	1900	8								
.. do		980	6	1900	8								
.. do		65	6	1900	8								
Painters, paper hangers		60	6										
Painters		370	6	1900	8								
.. do		150	6	1900	8								
.. do		141	7	1900	8								
Brick, tile, terra cotta		252	10	1899	9½	8½							
.. do		100	10	1899	9½	8½							
Boot and shoemakers		700	9										
Pressmen		88	12	1897	9	8							
Typographical		40	12	1900	10	9							
Pressmen		2,200	9	1899	9½	9	200						
Stereotypers		120	12	1900	9	8							
Typographical		30	12	1898	10	8	2						
Letter carriers		128	11										
Typographical		75	12										
Pressmen		520	12	1901	10	9	25						
.. do		145	8										
.. do		325	9	1899	10	9							
.. do		1,300	12				100						
Wood workers		240	9	1898	10	9							
.. do		419	9	1898	40	9							
.. do		845	9	1898	10	9							
.. do		600	9	1898	10	9							
.. do		390	9	1898	10	9							
.. do		500	9	1898	10	9							
.. do		52	9	1898	10	9							
.. do		60	9										
.. do		60	9										
Wood workers, mill		60	9										
Wood workers, reed and rattan		100	12										
Hod carriers		2,627	9 to 10										
.. do		385	10	1900	8								
.. do		2,200	10	1900	8								
.. do		800											
Electrical workers		360	12					325	240	12	4		
.. do		325	8										
Plumbers		154	12	1890	8								
Electrical workers		82	9				15						
Lathers		210	8½	1897	10	8							
Holisting engineers		62	10										
Brick, tile, terra cotta		63	8										
Bridge workers, structural		968	8					200	70	140	125		
Steam fitters		350	11										
.. do		300	12										
Brick, tile, terra cotta		65	9										
Plasterers		450	10										
Bricklayers		2,100	6										
Plumbers		500	7	1898	8		300						
Sheet metal workers		242	10	1899	8								
Gravel roofers		315	9 to 10										

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.		UNEMPLOYED IN 1901. BY CAUSES.					
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Chicago—Continued.											
Elevator constructors		206	12								
Cigar makers		28	11								
Coopers			10								
.. do		47	12								
.. do			10								
.. do		102	10								
Street car employes		275	12								
.. do		4,000	12								
.. do		390	12								
.. do		400	12								
.. do		4,000	12								
Machinists		465	12	1901	10	9	16		40	10	15
Carpenters and joiners		128	12								
.. do		4,700	9								
.. do		127									
.. do		52	10 to 11								
.. do		277	10								
.. do		361	10								
.. do		242	8								
.. do		120									
.. do		244	10 to 11								
.. do		682									
.. do		602	10 to 11								
.. do		236									
.. do		120	10								
.. do		220	10								
.. do		917									
.. do		1,024	9 to 11								
Cigar makers		28	8								
Iron molders		250	12								
.. do		525	12								
.. do		425	12								
.. do		375	12								
.. do		390	12								
Painters		75	9								
Garment workers, cutters		200	10								
Vessel unloaders		290		1901	10	9					
Elevator constructors		600	12								
Garment makers		425	8								
Broom makers		80	12	1898	10	9-2			30		
Wood workers		38	11	1901	0	9					
Leather workers		450	12								
Stationary firemen		250	10	1900	12	8					
Musicians		2,050									
Postoffice clerks		220	12								
Steam engineers		400	12								
Vessel unloaders		4,000	6								
Hotel, etc., and waiters		150	12								
Pressmen		35	12								
.. do		96	12								
Garment workers, cutters		200	10								
Wood workers		125	12	1899	10	9					
Railway clerks		640	12								
Electrical workers		161									
Retail clerks		22	12								
Glass blowers		78	12								
Metal polishers		160	12						77		
Iron molders		120	12								
Wood block pavers		95	8								
.. do		240	9	1900	9	8					
Machinists		200	12								
Tailors		764	10								
Vessel unloaders		520	7								
.. do		45	8								

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Chicago—Concluded.											
Vessel unloaders		104	7								
Bakers and confectioners		600	12								
.. do		525	12	1899	12	10					
.. do		170	12	1899	12	10					
Brass workers		175							72		
Blacksmiths		177	12								
.. do		12	12								
Blacksmiths, helpers		827	12								
Freight handlers		763									
.. do		945	12								
.. do		624	12								
.. do		695	11								
Brewers and malsters		240	7	1901	12	10					
.. do		120	12								
Chillicothe.	2	65					8			3	
Carpenters and joiners		15	10								
Trainmen, R. R.		50					8			3	
Clinton.	2	76								3	3
Engineers, R. R.		50	12							3	3
Conductors, R. R.		26	12								
Coal City	1	36	12				1				1
Hoisting engineers											
Colchester.	1	106	12	1899	10	8					
Miners											
Collinsville	4	824					712			1	
Carpenters and joiners		55	11	1898	9	8				1	
Hoisting engineers		37	12								
Brick, tile, terra cotta		20	10	1899	9 ¹ / ₂	8 ¹ / ₂					
Miners		712	9	1898	10	8	712				
Dalton	1	106	10	1899	9 ¹ / ₂	8 ¹ / ₂					
Brick, tile, terra cotta											
Danville.	3	98					5	12		1	
Pressmen		35	11	1900	10	9	5			1	
Tailors		15	10								
Cigars		48	12					12			
Decatur	6	273									
Bricklayers and masons		27	9	1901	10	9					
Painters		60	10								
Typographical		36	12	1899	10	9					
Hoisting engineers		15	12								
Barbers		41	12								
Cigar makers		94	12								
DeSoto	1	120	8 ¹ / ₂	1898	10	8			50		
Miners											
Dixon	1	114	11								
Boot and shoe makers											

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Duquoin.....	2	476					2		3		
Hotel, etc., and waiters.....		13	11				2		3		
Miners.....		463	8	1898	10	8					
East Peoria.....	1	35									
Brick, tile, terra cotta.....			10								
East St. Louis.....	8	892					60			16	
Carpenters and joiners.....		200	7							10	
Firemen, R. R.....		50	12								
Woodworkers.....		60	9				60			6	
Bakers and confectioners.....		45	12								
Iron molders.....		81	12								
Glassblowers.....		78	9								
Carpenters and joiners.....		325	12								
Coopers.....		53	12								
Edwards.....	1										
Miners.....				1899	9	8					
Edwardsville.....	1										
Brick, tile, terra cotta.....		28	10								
Elgin.....	8	324					4			6	
Machinists.....		93	12	1901	10	9					
Sheet metal workers.....		15					4				
Painters.....		60	9	1900	9	8					
Typographical.....		28	12	1900	10	9					
Tailors.....		28	7								
Barbers.....		30	12	1899	13	11				6	
Carpenters and joiners.....		50	10	1901	10	9					
Pressmen, printing.....		20	12	1897	10	9					
Elmwood.....	1										
Miners.....					9	8					
Evanston.....	4	362								3	
Sheet metal workers.....		10	12								
Painters.....		150	6	1900	8						
Brick, tile, terra cotta.....		150	10							3	
Carpenters and joiners.....		52									
Farmington.....	1										
Holisting engineers.....		27	12								3
Flatt.....	1										
Miners.....		25	8	1900	10	8					
Freeburg.....	1										
Miners.....		110	8	1898	10	8	110				
Freeport.....	1										
Iron molders.....		83	12								
Galesburg.....	1										
Conductors, R. R.....		96	12								2
Georgetown.....	1										
Miners.....		85	8	1899	10	8					85

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1898.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock- outs.	Sickness or other disability	Other causes.
Girard.....	1										
Miners.....		36	8	1898	10	8					8
Glen Carbon.....	2	521									
Miners.....		431	10								
Brick, tile, terra cotta.....		90	10	1899	9 ²	8 ²					
Glencoe.....	1										
Metal workers.....		109									
Granite City.....	1										
Iron, tin and steel workers.....		36	11								
Greenview.....	1										
Miners.....		140	12	1898	10	8	140				
Griffin.....	1										
Brick, tile, terra cotta.....		34	10								
Hallidaboro.....	1										
Miners.....		275	7	1898	10	8					
Hanna City.....	1										
Miners.....		45	12	1899	9	8	45				
Harvey.....	1										
Iron molders.....		425	12								
Havana.....	1										
Cigar makers.....		12	12								
Herrin.....	3	166						30	2	4	
Miners.....		100	12	1898	10	8					
Carpenters and joiners.....		50	10				30	2			
Holisting engineers.....		16	12							4	
Himrod.....	1										
Miners.....		200	8	1898	10	8					
Jacksonville.....	2	88									
Musicians.....		46	3								
Brick, tile, terra cotta.....		42	10								
Joliet.....	6	298					51	55		24	
Lathers.....		15	12	1901	10	8					
Switchmen.....		98	12							22	
Iron, steel and tin workers.....		79	12								
Plasterers.....		9	7	1898	10	8	11	5			
Team drivers.....		50	9				40	50		2	
Painters.....		54	8	1899	10	9					
Kangley.....	1										
Miners.....		225	10	1898	10	8	225			10	
Kankakee.....	2	30					2			1	
Cigar makers.....		7	12	1901	10	8					
Painters.....		23	2				2			1	
Kensington.....	1										
Brick, tile, terra cotta.....		72	10								

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Peoria.....	15	1,250	.....	.....	.....	.....	137	.....	145	19	48
Conductors, R. R. ....	.....	63	12	.....	.....	.....	.....	.....	.....	.....	.....
Painters.....	.....	125	7	1900	10	8	17	.....	125	9	.....
Brick, tile, terra cotta .....	.....	100	10	1899	9 ¹ / ₂	8 ¹ / ₂	.....	.....	.....	.....	.....
Cigar makers.....	.....	112	12	.....	.....	.....	.....	.....	.....	.....	.....
Coopers.....	.....	150	10	.....	.....	.....	120	.....	20	10	48
Plumbers.....	.....	27	11	1899	9	8	.....	.....	.....	.....	.....
Barbers.....	.....	74	12	.....	.....	.....	.....	.....	.....	.....	.....
Pressmen.....	.....	98	12	.....	.....	.....	.....	.....	.....	.....	.....
Firemen, R. R. ....	.....	136	12	.....	.....	.....	.....	.....	.....	.....	.....
Steam engineers.....	.....	90	12	.....	.....	.....	.....	.....	.....	.....	.....
Trainmen, R. R. ....	.....	81	12	.....	.....	.....	.....	.....	.....	.....	.....
Tailors.....	.....	36	8	.....	.....	.....	.....	.....	.....	.....	.....
Conductors, R. R. ....	.....	64	12	.....	.....	.....	.....	.....	.....	.....	.....
Engineers, R. R. ....	.....	42	12	.....	.....	.....	.....	.....	.....	.....	.....
.. do .....	.....	52	12	.....	.....	.....	.....	.....	.....	.....	.....
Pera	2	60	.....	.....	.....	.....	.....	.....	.....	.....	.....
Typographical.....	.....	17	5	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters and joiners.....	.....	43	8	.....	.....	.....	.....	.....	.....	.....	.....
Pineknayville.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Team drivers.....	.....	22	12	1900	10	9	.....	.....	.....	.....	.....
Pontiac	2	23	.....	.....	.....	.....	.....	.....	.....	.....	.....
Bricklayers and masons.....	.....	8	9	.....	.....	.....	.....	.....	.....	.....	.....
Barbers.....	.....	15	12	1899	14	12	.....	.....	.....	.....	.....
Preemption	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Miners.....	.....	15	6	.....	.....	.....	.....	.....	.....	.....	.....
Pullman	4	381	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brick, tile, terra cotta.....	.....	70	10	1899	9 ¹ / ₂	8 ¹ / ₂	.....	.....	.....	.....	.....
Carpenters.....	.....	61	10	.....	.....	.....	.....	.....	.....	.....	.....
Iron molders.....	.....	.....	12	.....	.....	.....	.....	.....	.....	.....	.....
Brass workers.....	.....	250	12	.....	.....	.....	.....	.....	.....	.....	.....
Quincy	7	253	.....	.....	.....	.....	19	.....	.....	27	7
Bricklayers and masons.....	.....	36	6	1897	10	9 ¹ / ₂	.....	.....	.....	.....	.....
Steam engineers.....	.....	25	12	.....	.....	.....	.....	.....	.....	.....	.....
Brewers and maltsters.....	.....	27	12	.....	.....	.....	.....	.....	.....	.....	.....
Leather workers.....	.....	69	12	.....	.....	.....	15	.....	.....	6	5
Typographical.....	.....	50	12	1900	10	9	.....	.....	.....	.....	.....
Sheet metal workers.....	.....	23	12	1899	10	9	.....	.....	.....	.....	.....
Brick, tile, terra cotta.....	.....	50	10	1899	9 ¹ / ₂	8 ¹ / ₂	.....	.....	.....	.....	.....
Randall	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brick, tile, terra cotta.....	.....	120	10	.....	.....	.....	.....	.....	.....	.....	.....
Rock Falls.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wood workers.....	.....	22	12	.....	.....	.....	.....	.....	.....	.....	.....
Rockford.....	2	218	.....	.....	.....	.....	.....	.....	.....	.....	.....
Garment makers.....	.....	78	12	.....	.....	.....	.....	.....	.....	.....	.....
Carpenters and joiners.....	.....	140	12	.....	.....	.....	.....	.....	.....	.....	.....

Table No. 8—Continued.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901, BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Rock Island.....	3	233									
Bricklayers and masons.....		55	7	1901	9	8					
Conductors, R. R.....		78	12								
Iron molders.....		100	11								
Rutland.....	1										
Miners.....		225	12	1898	10	8				8	
St. David.....	1										
Miners.....		125	9	1898	10	8					
Salem.....	1										
Carpenters and joiners.....			12	1901	10	8					
Savanna.....	2	82									
Firemen, R. R.....		58	12								
Switchmen.....		24	12								
Shermerville.....	2	102								10	
Brickmakers.....		42	8							10	
Brick, tile, terra cotta.....		60	10	1898	9 ²	8 ²					
Sherrard.....	2	262					8				
Holisting engineers.....		12	12								
Miners.....		250	12	1900	10	8	8				
Sorento.....	1										
Miners.....		212	8				1				204
Sparland.....	1										
Miners.....		40	11								26
Sparta.....	3	242					15				
Miners.....		22	10	1898	10	8					
.. do.....		160	10	1898	10	8					
.. do.....		60	6	1898	10	8	15				
Spaulding.....	1										
Miners.....		110	12	1898	10	8					
Springfield.....	10	742					2	90	6	24	20
Cigarmakers.....		90	11				2	90		22	20
Miners.....		25	11							9	
Garment makers.....		22	10								
Machinists.....		50	11 ²								
Holisting engineers.....		48	12								
Tailors.....		47	10								
Bricklayers and masons.....		50	9	1898	9	8					
Miners.....		165	8	1898	10	8					
Brick, tile, terra cotta.....		200	10	1899	9 ²	8 ²					
Stationary firemen.....		45	11						6	3	
Spring Valley.....	2	650					620			25	
Miners.....		620	12	1898	10	8	620			25	
Carpenters and joiners.....		30	9	1900	10	9					

Table No. 8—Concluded.

LOCATION AND TRADES.	Number of unions.	EMPLOYED IN 1901.		CHANGES IN HOURS OF LABOR SINCE 1896.			UNEMPLOYED IN 1901. BY CAUSES.				
		Number.	Months.	Year.	From.	To.	Lack of work.	Weather.	Strikes or lock-outs.	Sickness or other disability.	Other causes.
Streator	11	718								3	
Cigarmakers		34	12								
Glass workers		340	10								
Painters		50	10 ¹⁻²								
Brickmakers		62	10								
Hoisting engineers		18	12							3	
Letter carriers		7	12								
Brick, tile, terra cotta		40	12	1898	10	9					
Plasterers		19	8	1899	9	8					
Brick, tile, terra cotta		60	10								
do		43	10								
do		45	10								
Taylorville	1										
Barbers		35	12	1899	14 ¹⁻²	13				4	
Toluca	2	180								15	
Miners		150	9	1898	10	8				15	
Carpenters and joiners		30	10								
Upper Alton	1										
Glass blowers		376	10								
Wenona	1										
Hoisting engineers		12	8								
MISCELLANEOUS	27										
Chicago	24	5,076					60		144	16	10
Bill posters		130	12								
Box makers and sawyers		490	12				10				
Brush makers		85	11 ¹⁻²	1901							10
Chandelier makers		87	12	1901	10	9					
Cloth hat and cap makers		100	10	1902	10	9 ¹⁻²	50		14	16	
Drainage layers and helpers		35	11								
Egg inspectors		235	11								
Felt hatters		60	10								
Glove makers		180	12						105		
Gold beaters		64	12								
Granite cutters		40	9								
Horse nail makers		678	12								
Horse shoers		611	9								
Mattress makers		330	12								
Parquet floor workers		120	9								
Pattern makers		300	12	1897	10	9			25		
Photo engravers		150	11	1900	9	8					
Rubber workers		307	12								
Stone cutters		250	10								
Stone derrickmen		120	8								
Stone planers		60	10	1897	10	8					
Theatrical stage employes		251	9								
Travelling salesmen		373	8								
Watch case engravers		20	10 ¹⁻²								
Litchfield	1										
Laundry workers		10	12								
Roscoe	1										
Railroad telegraphers		489	12								
Chicago	1										
Typefounders		120									

Table 7 gives the record by trades and locations while Table 8 shows the same record by location and trades. Only 178 unions report changes in the working hours during the five years under consideration; these unions are at 70 different locations and represent 32 trades. The number employed in 1901 affected by these changes was 36,513.

To bring this to a more concise statement the following is presented:

TABLE NO. 9—*Changes in Working Hours in five years—1897-1901—by Location and Trade.*

LOCATION.	TRADE OR INDUSTRY.	WORKING HOURS CHANGED DURING THE YEAR—					Total Em- ployed in 1901.
		1897	1898	1899	1900	1901	
		Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	
	Change from 9 to 8 hours...	88	180	121	614	184	1,167
Belleville.....	Painters				87		87
Bloomington.....	Bricklayers and masons			30			30
.. do	Lathers.....				7		7
Chicago	Photo engravers				150		150
.. do	Pressmen (printing)	88					88
.. do	Stereotypers.....				120		120
.. do	Wood block pavers.....				240		240
Collinsville	Carpenters and joiners.....		55				55
Elgin.....	Painters.....				60		60
Hanna City.....	Miners.....			45			45
Leansburg.....	.. do		55				55
Moline.....	Carpenters and joiners.....					129	129
Peoria.....	Plumbers.....			27			27
Rock Island.....	Bricklayers and masons					55	55
Springfield.....	.. do		50				50
Streator.....	Plasterers.....			19			19
	Change from 9½ to 8½ hours			1,425			1,425
Belleville.....	Brick, tile, terra cotta.....			70			70
Bernice.....	.. do			58			58
Blue Island.....	.. do			260			260
Chicago .....	.. do			252			252
Collinsville .....	.. do			20			20
Dalton.....	.. do			105			105
Glen Carbon.....	.. do			90			90
Peoria.....	.. do			100			100
Pullman.....	.. do			70			70
Quincy.....	.. do			50			50
Shermerville.....	.. do			60			60
Springfield.....	.. do			200			200
	Change from 9½ to 9 hours.....			200			200
Chicago	Pressmen (printing)			200			200
	Change from 10 to 8 hours.....	270	7,412	283	961	224	9,150
Alton.....	Carpenters and joiners.....				100		100
Astoria.....	Miners.....		149				149
Auburn.....	.. do		257				257
Belleville.....	Carpenters and joiners.....				105		105
.. do	Miners.....		937				937
Berkner Station.....	.. do		80				80
Bloomington.....	Carpenters and joiners.....					150	150
.. do	Plasterers.....		16				16
Cable.....	Miners.....				165		165

Table No. 9—Continued.

LOCATION.	TRADE OR INDUSTRY.	WORKING HOURS CHANGED DURING THE YEAR—					Total Em- ployed in 1901.
		1897	1898	1899	1900	1901	
		Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	
Change from 10 to 8 hours —Concluded.							
Carterville.....	Miners.....		285				285
Caseyville.....	..do.....		60				60
Centralia.....	Carpenters and joiners..				70		70
..do.....	Team drivers.....					32	32
Chicago.....	Typographers.....				30		30
..do.....	Lathers.....	210					210
..do.....	Stoneplaners.....	60					60
Colchester.....	Miners.....			106			106
Collinsville.....	..do.....		712				712
DeSota.....	..do.....		130				130
Duquoin.....	..do.....		463				463
East.....	..do.....				25		25
Freeburg.....	..do.....		110				110
Georgetown.....	..do.....			85			85
Girard.....	..do.....		95				95
Greenview.....	..do.....		140				140
Hallidaboro.....	..do.....		275				275
Herrin.....	..do.....		100				100
Himrod.....	..do.....		200				200
Joliet.....	Lathers.....					15	15
..do.....	Plasterers.....		9				9
Kangley.....	Miners.....		225				225
Kankakee.....	Cigar makers.....					7	7
Kewanee.....	Brick makers.....					30	30
Ledford.....	Miners.....		148				148
Lincoln.....	..do.....		30				30
Madison.....	Carpenters and joiners..				111		111
Marion.....	Miners.....		75				75
Marrissa.....	..do.....		225				225
Morris.....	..do.....			53			53
Mt. Vernon.....	..do.....		60				60
Murphysboro.....	Carpenters.....			40			40
..do.....	Miners.....		540				540
Odin.....	..do.....		190				190
O'Fallon.....	..do.....		252				252
Pekin.....	Painters.....				125		125
Rutland.....	Miners.....		225				225
St. David.....	..do.....		125				125
Salem.....	Carpenters and joiners..					*	
Sherrard.....	Miners.....				250		250
Sparta.....	..do.....		243				243
Spaulding.....	..do.....		110				110
Springfield.....	..do.....		165				165
Spring Valley.....	..do.....		620				620
Toluca.....	..do.....		150				150
Change from 10 to 9 hours..		461	3,187	794	1,605	1,899	7,946
Alton.....	Pressmen, printing.....					20	20
Aurora.....	Machinists.....			98			98
Belleville.....	..do.....					38	38
Bloomington.....	Typographers.....				59		59
Canton.....	..do.....			†			
Chicago.....	Machinists.....	141			1,210	465	1,816
..do.....	Chandeller makers.....					87	87
..do.....	Woodworkers.....		3,147	185		38	3,320
..do.....	Pattern makers.....	300					300
..do.....	Type founders.....			120			120
..do.....	Typographers.....				40		40
..do.....	Pressmen, printing.....			225		520	845
..do.....	Vessel unloaders.....					290	290
Danville.....	Pressmen, printing.....				35		35
Decatur.....	Bricklayers and masons.....					27	27
..do.....	Typographers.....			36			36

*Not reported.

†No record.

Table No. 9—Concluded.

LOCATION.	TRADE OR INDUSTRY.	WORKING HOURS CHANGED DURING THE YEAR—					Total em- ployed in 1901.
		1897	1898	1899	1900	1901	
		Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	Em- ployed in 1901.	
	Change from 16 to 9 hours— <i>Concluded.</i>						
Elgin	Machinists					93	93
.. do	Typographers				28		28
.. do	Carpenters and joiners					50	50
.. do	Pressmen, printing	20					20
Joliet	Painters			54			54
Kewanee	Carpenters and joiners				65		65
LaSalle	Brewers and malsters				42		42
Marissa	Carpenters and joiners				24		24
Maywood	Machinists					116	116
New Baden	Carpenters and joiners					21	21
Pekin .....	.. do					72	72
.. do	Brick makers					15	15
.. do	Team drivers					46	46
Pinckneyville .....	.. do				22		22
Quincy	Typographers				50		50
.. do	Sheet metal workers			28			28
Spring Valley	Carpenters and joiners				30		30
Streator	Brick, tile, terra cotta		40				40
	Change from 10 to 9½ hours	36	80			100	216
Chicago	Broom makers		80				80
.. do	Cloth hat and cap mkr.					100	100
Quincy	Bricklayers and masons	36					36
	Change from 11 to 10 hours				723		723
Blue Island	Engineers				37		37
Chicago .....	.. do				686		686
	Change from 12 to 8 hours				250		250
Chicago	Stationary firemen				250		250
	Change from 12 to 10 hours	16		686		840	1,061
Belleville	Bakers and confection's	16					16
Chicago .....	.. do			686			686
.. do	Brewers and malsters					840	840
	Change from 12 to 11 hours				56	5,000	5,056
Centralia	Retail clerks				56		56
Chicago	Teamsters					5,000	5,000
	Change from 13 to 10 hours			9	10		19
Alton	Bakers and confection's				10		10
New Athens	Brewers and malsters			9			9
	Change from 13 to 11 hours			30		9,200	9,230
Chicago	Teamsters					9,200	9,200
Elgin	Barbers			30			30
	Change from 14 to 12 hours			15			15
Pontiac	Barbers			15			15
	Change from 14½ to 13 hours		35				35
Taylorville	Barbers		35				35

* Not reported.

† No record.

This table shows the location and the trades or industries where changes of hours have been made; the years when changes went into effect; the number employed in 1901 affected by the changes, and the reduction of hours secured. This matter is further abridged in the following table:

TABLE NO. 10—*Summary of Changes in Working Hours in 5 Years, Since 1896; 1897-1901.*

WORKING HOURS CHANGED.	Number of unions.	Number of locations.	Number of trades.	WORKING HOURS CHANGED DURING THE YEAR.					Total employed in 1901.
				1897	1898	1899	1900	1901	
				Employed in 1901.	Employed in 1901.	Employed in 1901.	Employed in 1901.	Employed in 1901.	
Totals.....	178	70	82	871	10,874	3,572	4,239	16,957	36,513
From 9 to 8 hours (1 hour).....	18	12	12	88	160	121	614	184	1,167
From 9½ to 8½ hours (1 hour)	13	12	1	.....	.....	1,425	.....	.....	1,425
From 9½ to 9 hours (½ hour).....	1	1	1	.....	.....	200	.....	.....	200
From 10 to 8 hours (2 hours).....	59	47	10	270	7,412	283	981	234	9,180
From 10 to 9 hours (1 hour).....	54	20	18	461	3,187	794	1,605	1,899	7,946
From 10 to 9½ hours (½ hour).....	3	2	3	36	80	.....	.....	100	216
From 11 to 10 hours (1 hour).....	13	2	1	.....	.....	.....	723	.....	723
From 12 to 8 hours (4 hours)	1	1	1	.....	.....	.....	250	.....	250
From 12 to 10 hours (2 hours).....	4	2	2	16	.....	695	.....	340	1,051
From 12 to 11 hours (1 hour)	3	2	2	.....	.....	.....	56	5,000	5,056
From 12 to 10 hours (2 hours).....	2	2	2	.....	.....	9	10	.....	19
From 12 to 11 hours (2 hours)	5	2	2	.....	.....	30	.....	9,200	9,230
From 14 to 12 hours (2 hours)	1	1	1	.....	.....	15	.....	.....	15
From 14½ hours to 12 hours (1½ hours).....	1	1	1	.....	35	.....	.....	.....	35

While the number here given as employed in 1901 is only 36,513 or 25.94 per cent of the membership reported for that year, it is apparent that the reduction in working hours comprehends the entire population employed.

The following summary shows the number employed in each of the five years under the reduced working hours, with percentages and the average decrease in hours:

TABLE NO. 11—*Summary of Employed in 1901 Under Reduced Working Hours for Five Years.*

YEAR.	NUMBER EMPLOYED IN 1901, UNDER REDUCED WORKING TIME—HOURS REDUCED.							Per-centage.	Average reduction, hours.
	Half.	One.	One and half.	Two.	Three.	Four.	Total.		
1897.....	36	549	.....	296	.....	.....	871	2.39	1.31
1898.....	80	3,347	35	7,412	.....	.....	10,874	29.78	1.68
1899.....	200	2,340	.....	1,023	9	.....	3,572	9.78	1.26
1900.....	.....	2,996	.....	981	10	250	4,239	11.61	1.41
1901.....	100	7,063	.....	9,774	.....	.....	16,937	46.44	1.57
Total.....	416	16,317	35	19,476	19	250	36,513	100.00	1.55
Percentages..	1.14	44.69	0.10	53.24	0.05	0.68	100.00	.....	.....

The average decrease in working time in 1901 was 1.57 hours, for the five years it was 1.55 hours. Over 50 per cent of the total number considered received a concession of two hours.

The following tables present the record of the working hours. Table 12 is arranged by trades and location, while Table 13 shows precisely the same record but classified by location and trades:

TABLE NO. 12—*Working Hours and Number Employed 1901, by Trades and Location.*

TRADES AND LOCATION.	Number of unions	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Totals	565	38,567	8,375	21,569	20,972	21,503	12,069	876	6,863
Bakers and confectioners..	6			600		766			
East St. Louis.....						45			
Belleville.....						16			
Alton.....						10			
Chicago.....				600					
do.....						635			
do.....						170			
Barbers.....	7				104		86	36	
Elgin.....					30				
Taylorville.....								35	
Decatur.....							41		
Carlinville.....								1	
Pontiac.....							15		
Aurora.....							29		
Peoria.....					74				
Blacksmiths.....	2					189			
Chicago.....						177			
do.....						12			
Boot and shoe makers.....	2					814			
Dixon.....						114			
Chicago.....						700			
Brass workers.....	2					425			
Pullman.....						250			
Chicago.....						175			
Brewers and malsters.....	7			48		496			696
LaSalle.....				42					
Mendota.....				6					
Quincy.....						27			
New Athens.....						9			
Chicago.....									696
do.....						340			
do.....						120			
Brick makers.....	4	73		15		63			
Streator.....						63			
Pekin.....				15					
Kewanee.....		30							
Shermerville.....		42							
Brick, tile and terra cotta ..	29	65	2,327	40					
Streator.....				40					
Pullman.....			70						
Bernice.....			58						
Blue Island.....			250						
Dalton.....			105						
Kensington.....			73						
Chicago.....			252						
Belleville.....			70						

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBERS WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Brick, tile and terra cotta— <i>Concluded.</i>									
Collinsville.....			30						
Springfield.....			259						
Peoria.....			109						
Edwardsville.....			23						
Streator.....			60						
Kewanee.....			33						
Pekin.....			17						
Streator.....			43						
Griffin.....			34						
East Peoria.....			35						
Chicago.....			109						
Evanston.....			150						
Shermerville.....			60						
Blue Island.....			60						
Glen Carbon.....			30						
Quincy.....			50						
Randall.....			130						
Streator.....			45						
Jacksonville.....			42						
Chicago.....			63						
..do.....		65							
Broom makers.....	2			30		5			
Aurora.....						5			
Chicago.....				30					
BUILDING TRADES.....	88	19,875	5,136	570		418			800
Bricklayers.....	9	2,372		106					
Quincy.....				36					
LaSalle.....				25					
Decatur.....				27					
Rock Island.....		55							
Pontiac.....				8					
Bloomington.....		30							
Springfield.....		50							
Chicago.....		2,100							
Bellefonte.....		37							
Carpenters and joiners.....	43	6,563	5,136	373		254			
Murphysboro.....		40							
Madison.....		111							
Mascoutah.....						13			
East St. Louis.....		200							
Collinsville.....		55							
Pekin.....				73					
Chillicothe.....						15			
Ottawa.....				67					
New Baden.....				21					
Kewanee.....				65					
Bloomington.....		150							
Herrin.....						50			
Centralia.....		70							
Marissa.....				24					
Pera.....				43					
Rockford.....						140			
Toluca.....						23			
Moline.....		129							
Elgin.....				50					
Spring Valley.....				30					
Bellefonte.....		105							
East St. Louis.....		233							
Alton.....		100							
Oakland.....		83							
Evanston.....		63							

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Carpenters, joiners—<i>Con'd.</i>									
Chicago	128								
..do	4,700								
..do	187								
Austin	128								
Chicago	52								
Fullman			61						
Chicago			377						
..do			361						
..do			242						
..do			180						
..do			244						
..do			652						
..do			652						
..do			225						
..do			180						
..do			280						
..do			917						
..do			1,024						
Gravel roofers	1								
Chicago		315							
Hod carriers	4	5,222							800
Chicago		2,637							
..do		285							
..do		2,206							
..do									800
Lathers	3	222							
Joliet		15							
Chicago		210							
Bloomington		7							
Painters	30	3,062		91		162			
Peoria		125							
Elgin						60			
Decatur						60			
Streator		50							
Ottawa						19			
Kankakee						22			
Joliet				54					
Chicago		105							
..do		420							
..do		95							
..do		316							
..do		980							
..do		65							
..do		60							
..do		370							
Evanston		150							
Chicago		150							
..do		141							
Belleville				37					
Chicago		75							
Plasterers	4	494							
Bloomington		15							
Joliet		9							
Streator		19							
Chicago		450							
Plumbers	4	605							
Champaign		15							
Chicago		154							
..do		500							
Peoria		27							

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Butchers and Meat Cutters.	10	.....	.....	.....	.....	2,800	.....	.....	.....
Chicago	250	.....	.....	.....
..do	200	.....	.....	.....
..do	800	.....	.....	.....
..do	150	.....	.....	.....
..do	220	.....	.....	.....
..do	280	.....	.....	.....
..do	650	.....	.....	.....
..do	280	.....	.....	.....
..do	800	.....	.....	.....
..do	100	.....	.....	.....
Cigar Makers	23	2,450	.....	.....	.....	.....	.....	.....	.....
Belvidere	34	.....	.....	.....	.....	.....	.....	.....
Alton	45	.....	.....	.....	.....	.....	.....	.....
Kewanee	25	.....	.....	.....	.....	.....	.....	.....
Centralia	19	.....	.....	.....	.....	.....	.....	.....
Chicago	35	.....	.....	.....	.....	.....	.....	.....
Kankakee	7	.....	.....	.....	.....	.....	.....	.....
Streator	24	.....	.....	.....	.....	.....	.....	.....
Clinton	55	.....	.....	.....	.....	.....	.....	.....
Murphysboro	12	.....	.....	.....	.....	.....	.....	.....
Springfield	90	.....	.....	.....	.....	.....	.....	.....
Ottawa	52	.....	.....	.....	.....	.....	.....	.....
Danville	45	.....	.....	.....	.....	.....	.....	.....
Chicago	45	.....	.....	.....	.....	.....	.....	.....
..do	162	.....	.....	.....	.....	.....	.....	.....
..do	37	.....	.....	.....	.....	.....	.....	.....
..do	1,394	.....	.....	.....	.....	.....	.....	.....
Pekin	25	.....	.....	.....	.....	.....	.....	.....
Peoria	112	.....	.....	.....	.....	.....	.....	.....
Havana	12	.....	.....	.....	.....	.....	.....	.....
Blue Island	26	.....	.....	.....	.....	.....	.....	.....
Chicago	25	.....	.....	.....	.....	.....	.....	.....
Decatur	34	.....	.....	.....	.....	.....	.....	.....
Bloomington	60	.....	.....	.....	.....	.....	.....	.....
CLERICAL TRADES—29.	220	.....	100	2,102	166	122	.....	.....
Hotel. Etc., waiters.	3	.....	.....	.....	12	150	21	.....	.....
Duquoin	12	.....	.....	.....	.....
Murphysboro	21	.....	.....
Chicago	150	.....	.....	.....
Postoffice clerks	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago	220	.....	.....	.....	.....	.....	.....	.....
Railway clerks.	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago	640	.....	.....	.....	.....
Retail clerks.	24	.....	.....	100	1,449	16	91	.....	.....
Centralia	58	.....	.....	.....	.....
Kewanee	60	.....	.....	.....	.....
Murphysboro	59	.....	.....
Alton	85	.....	.....	.....	.....
Aurora	16	.....	.....	.....
LaSalle	100	.....	.....	.....	.....	.....
Chicago	80	.....	.....	.....	.....
..do	45	.....	.....	.....	.....
..do	170	.....	.....	.....	.....
..do	60	.....	.....	.....	.....
..do	80	.....	.....	.....	.....
..do	50	.....	.....	.....	.....
..do	60	.....	.....	.....	.....
..do	70	.....	.....	.....	.....
..do	50	.....	.....	.....	.....

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours	10 hours.	12 hours.	12 hours.	
Retail clerks—Concluded.									
Chicago.....	76	...	...	...	...
..do	76	...	...	...	...
..do	50	...	...	...	...
..do	74	...	...	...	...
..do	87	...	...	...	...
..do	56	...	...	...	...
..do	40	...	...	...	...
..do	125	...	...	...	...
..do	32	...	...
Coopers.....	5	...	...	21	...	202	...	...	150
Alton.....	21	...	...	...	...	...
East St. Louis.....	53	...	...	...	...
Chicago.....	150
..do	47	...	...	...	...
..do	102	...	...	...	...
Electrical workers.....	4	929	...	...	...	...	...	...	...
Chicago.....	...	360	...	...	...	...	...	...	...
..do	325	...	...	...	...	...	...	...
..do	82	...	...	...	...	...	...	...
..do	161	...	...	...	...	...	...	...
Elevator constructors.....	2	205	...	...	...	...	600	...	...
Chicago.....	...	205	...	...	...	...	...	...	...
..do	660	...	...
GARMENT WORKERS.....	31	400	...	5,964	...	710	...	...	...
Cutters.....	1	...	...	...	...	...	...	...	...
Chicago.....	...	300	...	...	...	...	...	...	...
Garment makers.....	4	200	...	...	...	535	...	...	...
Springfield.....	22	...	...	...
Rockford.....	78	...	...	...
Chicago.....	...	200	...	...	...	435	...	...	...
..do
Garment workers, sp'l order.....	18	...	...	5,200	...	...	...	...	...
Chicago.....	150	...	...	...	...	...
..do	50	...	...	...	...	...
..do	25	...	...	...	...	...
..do	250	...	...	...	...	...
..do	25	...	...	...	...	...
..do	300	...	...	...	...	...
..do	100	...	...	...	...	...
..do	200	...	...	...	...	...
..do	300	...	...	...	...	...
..do	300	...	...	...	...	...
..do	300	...	...	...	...	...
..do	300	...	...	...	...	...
..do	900	...	...	...	...	...
..do	150	...	...	...	...	...
..do	1,000	...	...	...	...	...
..do	700	...	...	...	...	...
..do	250	...	...	...	...	...
..do	200	...	...	...	...	...
..do	100	...	...	...	...	...

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Tailors.....	8			764		175			
Champaign.....						31			
Belleville.....						12			
Alton.....						15			
Springfield.....						47			
Elgin.....						29			
Danville.....						15			
Peoria.....						36			
Chicago.....				764					
Glass blowers.....	6	240	763	78	108	78			
Streator.....		240							
Upper Alton.....			376						
Alton.....			396						
Belleville.....					108				
East St. Louis.....				78					
Chicago.....						78			
Hoisting engineers.....	15	269		12		16			
Sherrard.....		12							
Farmington.....		27							
Collinsville.....		27							
Decatur.....		15							
Murphysboro.....		14							
Oglesby.....				12					
Springfield.....		48							
Athens.....		19							
Coal City.....		36							
Herrin.....						16			
Streator.....		18							
Marion.....		18							
Wenona.....		12							
Belleville.....		65							
Chicago.....		62							
IRON TRADES.....	37	662		1,077	79	4,328			88
Architectural workers.....	7	210				700			
Chicago.....						50			
..do.....						235			
..do.....						175			
..do.....						75			
Glencoe.....		100							
Chicago.....						175			
..do.....		210							
Boilermakers.....	8			1,000		22			88
Chicago.....				22					
..do.....				21					
..do.....				200					
..do.....				500					
..do.....				125					
..do.....				22					
..do.....						22			
..do.....									88
Bridge workers, structural.	1								
Chicago.....							968		

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Iron molders	11	.....	.....	.....	.....	2,075	.....	.....	.....
Freeport	63	.....	.....	.....
Belleville	291	.....	.....	.....
Rock Island	100	.....	.....	.....
East St. Louis	81	.....	.....	.....
Chicago	250	.....	.....	.....
do	635	.....	.....	.....
do	425	.....	.....	.....
do	375	.....	.....	.....
Harvey	425	.....	.....	.....
Chicago	280	.....	.....	.....
do	120	.....	.....	.....
Iron, tin, steel workers	2	.....	.....	26	79	.....	.....	.....	.....
Granite City	26	.....	.....	.....	.....	.....
Joliet	79	.....	.....	.....	.....
Metal polishers	2	.....	.....	.....	.....	126	.....	.....	.....
Belleville	26	.....	.....	.....
Chicago	160	.....	.....	.....
Sheet metal workers	4	252	.....	41	.....	.....	.....	.....	.....
Elgin	15	.....	.....	.....	.....	.....
Evanston	10	.....	.....	.....	.....	.....	.....	.....
Quincy	26	.....	.....	.....	.....	.....
Chicago	242	.....	.....	.....	.....	.....	.....	.....
Stove mounters	1	.....	.....	.....	.....	20	.....	.....	.....
Aurora
United metal workers	1	.....	.....	.....	.....	225	.....	.....	.....
Chicago
Leather workers	2	.....	.....	.....	.....	519	.....	.....	.....
Quincy	69	.....	.....	.....
Chicago	450	.....	.....	.....
Letter carriers	3	157	.....	.....	.....	.....	.....	.....	.....
Streator	5	.....	.....	.....	.....	.....	.....	.....
Peoria	7	.....	.....	.....	.....	.....	.....	.....
Chicago	125	.....	.....	.....	.....	.....	.....	.....
Machinists	23	.....	.....	2,460	.....	196	.....	.....	.....
Elgin	93	.....	.....	.....	.....	.....
Aurora	98	.....	.....	.....
Springfield	50	.....	.....	.....	.....	.....
Belleville	28	.....	.....	.....	.....	.....
Chicago	80	.....	.....	.....	.....	.....
do	100	.....	.....	.....
do	30	.....	.....	.....	.....	.....
do	75	.....	.....	.....	.....	.....
Maywood	116	.....	.....	.....	.....	.....
Chicago	42	.....	.....	.....	.....	.....
do	80	.....	.....	.....	.....	.....
do	141	.....	.....	.....	.....	.....
do	100	.....	.....	.....	.....	.....
do	110	.....	.....	.....	.....	.....
do	300	.....	.....	.....	.....	.....
do	175	.....	.....	.....	.....	.....
do	80	.....	.....	.....	.....	.....
do	144	.....	.....	.....	.....	.....
do	96	.....	.....	.....	.....	.....
do	75	.....	.....	.....	.....	.....
do	465	.....	.....	.....	.....	.....
do	200	.....	.....	.....	.....	.....

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Miners, coal	58	9,253							245
Lake Creek.....		20							
Hallidayboro.....		275							
Birkner Station.....		50							
Herrin.....		100							
Morris.....		53							
Pawnee.....									
Flatt.....		25							57
Chenow.....									13
Greenview.....		140							
Hanna City.....		45							
Kingston Mines.....		145							145
Lenzburg.....		55							
Spaulding.....		110							
Lincoln.....		80							
Auburn.....		287							
Ledford.....		149							
Girard.....		38							
Colchester.....		105							
Oglesby.....		14							
DeSoto.....		120							
Springfield.....		25							
New Baden.....		200							
Mt. Vernon.....		60							
Kangley.....		223							
Marion.....		75							
Spring Valley.....		620							
Bartonville.....		40							
Odin.....		130							
O'Fallon.....		192							
Cable.....		165							
Himrod.....		200							
Glen Carbon.....		431							
Presumption.....		15							
Georgetown.....		85							
Sorento.....		213							
Carterville.....		295							
Rutland.....		225							
Toluca.....		150							
Astoria.....		140							
Springfield.....		165							
Sparland.....		40							
Sherrard.....		250							
Auburn.....		35							
Belleville.....		230							
..do.....		300							
..do.....		497							
O'Fallon.....		60							
St. David.....		125							
Duquoin.....		463							
Murphysboro.....		540							
Sparta.....		22							
..do.....		160							
Caseyville.....		60							
Collinsville.....		712							
Freeburg.....		110							
Marissa.....		225							
Sparta.....		60							
Palsley.....		60							
Musicians	2								2,086
Jacksonville.....									46
Chicago.....									2,080

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
PRINTING TRADES.	23	528	.....	5,343	.....	86	.....	.....	.....
Pressmen.....	13	831	.....	5,065	.....	86	.....	.....	.....
Danville.....	35	.....	.....	.....	.....	.....
Kewanee.....	10	.....	.....	.....	.....	.....
Chicago.....	88	.....	.....	.....	.....	.....	.....	.....
..do.....	2,200	.....	.....	.....	.....	.....
..do.....	520	.....	.....	.....	.....	.....
..do.....	145	.....	.....	.....	.....	.....	.....	.....
..do.....	325	.....	.....	.....	.....	.....
..do.....	1,900	.....	.....	.....	.....	.....
Elgin.....	30	.....	.....	.....	.....	.....
Alton.....	20	.....	.....	.....	.....	.....
Chicago.....	35	.....	.....	.....	.....	.....
Chicago.....	86	.....	.....	.....
Peoria.....	98	.....	.....	.....	.....	.....	.....	.....
Stereotypers.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	120	.....	.....	.....	.....	.....	.....	.....
Typographical.....	9	75	.....	278	.....	.....	.....	.....	.....
Peru.....	17	.....	.....	.....	.....	.....
Decatur.....	36	.....	.....	.....	.....	.....
Elgin.....	23	.....	.....	.....	.....	.....
Bloomington.....	59	.....	.....	.....	.....	.....
Quincy.....	50	.....	.....	.....	.....	.....
Chicago.....	40	.....	.....	.....	.....	.....
..do.....	30	.....	.....	.....	.....	.....
..do.....	75	.....	.....	.....	.....	.....	.....	.....
Belleville.....	18	.....	.....	.....	.....	.....
RAILROAD EMPLOYEES...	67	.....	.....	.....	.....	7,868	1,198	110	228
Conductors.....	12	.....	.....	.....	.....	1,184	.....	60	136
Galesburg.....	96	.....	.....	.....
Aurora.....	89
Rock Island.....	79	.....	.....	.....
Peoria.....	63	.....	.....	.....
Clinton.....	26
Alton.....	21
Chicago.....	124	.....	.....	.....
Blue Island.....	275	.....	.....	.....
Chicago.....	384	.....	.....	.....
..do.....	100	.....	.....	.....
Mattoon.....	60	.....
Peoria.....	64	.....	.....	.....
Engineers.....	17	.....	.....	.....	.....	815	63	.....	52
Clinton.....	50	.....	.....	.....
Blue Island.....	37	.....	.....	.....
Chicago.....	35	.....	.....	.....
..do.....	23	.....	.....	.....
..do.....	53	.....	.....	.....
..do.....	76	.....	.....	.....
..do.....	59	.....	.....	.....
..do.....	57	.....	.....	.....
..do.....	54	.....	.....	.....
..do.....	43	.....	.....	.....
..do.....	96	.....	.....	.....
..do.....	52	.....	.....	.....
..do.....	66	.....	.....	.....
..do.....	46	.....	.....	.....
..do.....	35	.....	.....	.....
..do.....	78	.....	.....	.....
Murphysboro.....	63	.....	.....
Peoria.....	42	.....	.....	.....
..do.....	52

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Firemen.....	17					1,407			40
East St. Louis.....						50			
Savanna.....						58			
Chicago.....						25			
..do.....						25			
..do.....						60			
Blue Island.....						60			
Chicago.....						30			
..do.....						72			
..do.....									40
..do.....						66			
..do.....						80			
..do.....						210			
..do.....						230			
..do.....						150			
..do.....						80			
..do.....						140			
Peoria.....						126			
Freight handlers.....	4					2,222			
Chicago.....						837			
..do.....						705			
..do.....						946			
..do.....						694			
Switchmen.....	7						1,125		
Joliet.....							98		
Savanna.....							24		
Chicago.....							200		
Blue Island.....							150		
Chicago.....							200		
..do.....							250		
..do.....							225		
Trainmen.....	10					1,278			50
Chillicothe.....									50
Chicago.....						184			
..do.....						360			
..do.....						65			
..do.....						250			
..do.....						131			
Blue Island.....						80			
Chicago.....						40			
..do.....						67			
Peoria.....						81			
Stationary firemen.....	2	250			45				
Springfield.....					45				
Chicago.....		250							
Steam engineers.....	3				25		490		
Quincy.....					25				
Chicago.....							400		
Peoria.....							90		
Steam fitters.....	2	650							
Chicago.....		350							
..do.....		300							

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Street car employés	6	.....	.....	.....	150	.....	8,975	.....	.....
Belleville	150	.....	.....	.....	.....
Chicago	275	.....	.....
..do	4,000	.....	.....
..do	800	.....	.....
..do	400	.....	.....
..do	4,000	.....	.....
Team drivers	18	32	.....	68	14,200	650	.....	730	8
Pekin	46	.....	.....	.....	.....	.....
Mt. Olive	8
Pinckneyville	22	.....	.....	.....	.....	.....
Joliet	50	.....	.....	.....	.....
Centralia	32	.....	.....	.....	.....	.....	.....	.....
Chicago	730	.....
..do	900	.....	.....	.....	.....
..do	1,400	.....	.....	.....	.....
..do	600	.....	.....	.....
..do	6,000	.....	.....	.....	.....
..do	4,000	.....	.....	.....	.....
..do	900	.....	.....	.....	.....
..do	1,000	.....	.....	.....	.....
Vessel unloaders	5	.....	.....	290	4,000	565	.....	.....	104
Chicago	290	.....	.....	.....	.....	.....
..do	4,000	.....	.....	.....	.....
..do	520	.....	.....	.....
..do	45	.....	.....	.....
..do	104
Woodblock pavers	2	240	.....	.....	.....	95	.....	.....	.....
Chicago	95	.....	.....	.....
..do	240	.....	.....	.....	.....	.....	.....	.....
Wood workers	15	.....	.....	3,600	.....	82	.....	.....	.....
Rock Falls	22	.....	.....	.....
East St. Louis	60	.....	.....	.....
Chicago	340	.....	.....	.....	.....	.....
..do	419	.....	.....	.....	.....	.....
..do	845	.....	.....	.....	.....	.....
..do	600	.....	.....	.....	.....	.....
..do	390	.....	.....	.....	.....	.....
..do	500	.....	.....	.....	.....	.....
..do	53	.....	.....	.....	.....	.....
..do	60	.....	.....	.....	.....	.....
..do	60	.....	.....	.....	.....	.....
..do	60	.....	.....	.....	.....	.....
..do	100	.....	.....	.....	.....	.....
..do	38	.....	.....	.....	.....	.....
..do	125	.....	.....	.....	.....	.....
MISCELLANEOUS	27	986	150	1,203	100	2,319	619	.....	373
Bill posters	1	.....	.....	.....	.....	.....	120	.....	.....
Chicago
Box makers and sawyers	1	.....	.....	.....	.....	490	.....	.....	.....
Chicago
Brush makers	1	.....	.....	85	.....	.....	.....	.....	.....
Chicago
Chandelier makers	1	.....	.....	87	.....	.....	.....	.....	.....
Chicago

Table No. 12—Concluded.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Miscellaneous— <i>Concluded.</i>									
Cloth hat and cap makers .. Chicago	1				100				
Drainage layers and help'rs Chicago	1	35							
Egg inspectors	1					235			
Felt hatters	1	60							
Glove makers	1					180			
Gold beaters	1					64			
Granite cutters	1	40							
Horse nail makers	1					678			
Horse shoers	1			611					
Laundry workers	1					10			
Litchfield									
Mattress makers	1					230			
Chicago									
Parquet floor workers	1	130							
Chicago									
Pattern makers	1			300					
Chicago									
Photo engravers	1		150						
Chicago									
Railroad telegraphers	1						480		
Roscoe									
Rubber workers	1					307			
Chicago									
Stone cutters	1	250							
Chicago									
Stone derrickmen	1	120							
Chicago									
Stone planers	1	60							
Chicago									
Theatrical stage employes ..	1	251							
Chicago									
Traveling salesmen	1								373
Chicago									
Watch case engravers	1					20			
Chicago									
Type founders	1			120					
Chicago									

TABLE No. 13—*Working Hours and Number Employed, 1901, by Location and Trade.*

LOCATION AND TRADE.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Totals	565	38,587	8,275	21,569	20,973	21,502	12,089	876	6,862
Alton	9	145	386	20	85	78			21
Cigarmakers		45							
Bakers & confectioners						10			
Tailors					85	15			
Retail clerks									21
Conductors									
Glass blowers			386						
Coopers						53			
Typographical				20					
Carpenters and joiners		100							
Astoria	1								
Miners		140							
Athens	1								
Hoisting engineers		16							
Ansburn	2	322							
Miners		25							
..do		237							
Aurora	6					168			89
Conductors									89
Machinists						98			
Broom makers						5			
Barbers						29			
Retail clerks						16			
Stove mounters						20			
Austin	1								
Carpenters and joiners		126							
Bartonville	1								
Miners		40							
Belleville	16	1,124	70	93	318	246			
Metal polishers						26			
Iron moulders						291			
Bakers & confectioners						16			
Tailors						12			
Hoisting engineers		65							
Street car employes					150				
Machinists				38					
Brick, tile & terra cotta			70						
Painters				57					
Carpenters and joiners		106							
Typographical				19					
Glass bottle blowers					168				
Miners		220							
..do		200							
..do		497							
Bricklayers		37							
Belvidere	1								
Cigar makers		34							
Birkner Station	1								
Miners		80							
Bernice	1								
Brick, tile, terra cotta			58						

Table No. 13—Continued.

LOCATION AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Bloomington	6	263		59					
Carpenters and joiners		150							
Bricklayers and masons		30							
Plasterers		16							
Typographical				59					
Lathers		7							
Cigars		60							
Blue Island	8	26	310			452	150		
Conductors						275			
Engineers						37			
Switchmen							150		
Trainmen						80			
Firemen, E. E.						60			
Brick, tile, terra cotta			250						
do			60						
Cigars		26							
Cable	1								
Miners		165							
Canton	1								
Cigars		55							
Carlinville	1								
Barbers								1	
Cartersville	1								
Miners		285							
Caseyville	1								
Miners		60							
Centralla	4	121			56				
Cigars		19							
Carpenters and joiners		70							
Retail clerks					56				
Team drivers		23							
Champalgn	2	15				21			
Plumbers		15							
Tailors						21			
Chenosa	1								
Miners									13
Chicago	259	23,799	5,490	17,747	5,888	10,739	10,007	730	4,096
Cigars		35							
Machinists				80					
do						100			
do				30					
do				75					
do				42					
do				60					
do				141					
do				100					
do				110					
do				300					
do				175					
do				80					
do				144					
do				86					
Cigars		43							
do		162							
do		37							
do		1,334							

Table No. 13—Continued.

LOCATION AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Chicago—Continued.									
Conductors						124			
Trainmen						184			
Conductors						384			
Trainmen						380			
..do						65			
..do						230			
..do						181			
Engineers						35			
..do						53			
..do						76			
..do						57			
..do						54			
..do						43			
..do						96			
..do						53			
..do						66			
..do						44			
..do						26			
..do						73			
Switchmen							200		
..do							200		
..do							260		
..do							225		
Trainmen							40		
..do							87		
Conductors						100			
Firemen						25			
..do						25			
..do						60			
..do						30			
..do						73			
..do									40
..do						66			
..do						30			
..do						210			
..do						270			
..do						180			
..do						30			
..do						148			
Teamsters								780	
..do					300				
..do					1,400				
..do						600			
..do					6,000				
..do					4,600				
..do					300				
..do					1,000				
Boiler makers				22					
..do				21					
..do				300					
..do				600					
..do				126					
..do				23					
..do						32			
Butchers & Meat Cutters									88
..do						250			
..do						300			
..do						300			
..do						150			
..do						250			
..do						250			
..do						300			
..do						250			
..do						300			
..do						100			
Garment workers, sp. or				150					
..do				60					
..do				26					

Table No. 13—Continued.

LOCATION AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Chicago—Continued.									
Garment workers, sp. or				250					
do				25					
do				200					
do				100					
do				200					
do				200					
do				200					
do				200					
do				200					
do				200					
do				900					
do				154					
do				1,000					
do				700					
do				250					
do				200					
do				100					
Retail clerks.					80				
do					45				
do					170				
do					60				
do					80				
do					60				
do					80				
do					70				
do					60				
do					75				
do					75				
do					60				
do					74				
do					87				
do					55				
do					40				
do					125				
Architectural workers						50			
United metal workers						225			
Machinists				75					
Architectural workers						225			
do						175			
do						75			
do						175			
do		210							
Painters		105							
do		420							
Painters, glaziers.		95							
Painters		316							
do		960							
do		65							
Painters, paper hangers		80							
Painters		370							
do		150							
do		141							
Brick, tile, terra cotta.			252						
do			100						
Boot and shoe makers						700			
Pressmen		88							
Typographical				40					
Pressmen				2,200					
Sterotypers		720							
Typographical				30					
Letter carriers		125							
Typographical		75							
Pressmen				520					
do		145							
do				325					
do				1,900					
Woodworkers				340					
do				419					

Table No. 13—Continued.

LOCATION AND TRADE.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Chicago—Continued.									
Woodworkers				845					
..do				600					
..do				330					
..do				500					
..do				53					
..do				60					
..do				60					
Woodworkers—mill				60					
Woodworkers—reed and rattan				100					
Hod carriers		2,637							
..do		335							
..do		2,300							
..do									800
Electrical workers		300							
..do		325							
Plumbers		164							
Electrical workers		83							
Lathers		210							
Holisting engineers		62							
Brick, tile, terra cotta			63						
Bridge wrks, structural		966							
Steamfitters		350							
..do		350							
Brick, tile, terra cotta		65							
Plasterers		450							
Bricklayers		3,100							
Plumbers		500							
Sheet metal workers		242							
Gravel roofers		315							
Elevator constructors		205							
Cigarmakers		28							
Coopers									150
..do						47			
..do						102			
Street car employes							275		
..do							4,000		
..do							300		
..do							400		
..do							4,000		
Machinists				465					
Carpenters and joiners		128							
..do		4,700							
..do		127							
..do		52							
..do			277						
..do			361						
..do			242						
..do			130						
..do			244						
..do			633						
..do			602						
..do			236						
..do			180						
..do			230						
..do			917						
..do			1,024						
Cigarmakers		78							
Iron molders						250			
..do						525			
..do						435			
..do						875			
..do						350			
Painters		75							
Garment w'kers, cutters		200							
Vessel unloaders				290					
Elevator constructors						435	600		
Garment makers									
Broom makers				90					
Woodworkers				38					
Leather workers						450			

Table No. 13—Continued.

LOCATION AND TRADE.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
<i>Chicago—Concluded.</i>									
Stationery firemen.....	250								
Musicians.....									2,080
Postoffice clerks.....	220								
Steam engineers.....							600		
Vessel unloaders.....					4,000				
Hotel, etc., and waiters.....						150			
Pressmen.....				35					
..do.....						98			
Garment work'rs, cutters.....	200								
Woodworkers.....				125					
Railway clerks.....					640				
Electrical workers.....	161								
Retail clerks.....							32		
Glass blowers.....						78			
Metal polishers.....						160			
Iron molders.....						120			
Wood block pavers.....						95			
..do.....	240								
Machinists.....				200					
Tailors.....				764					
Vessel unloaders.....						520			
..do.....						45			
..do.....									404
Bakers and confectioners.....				680					
..do.....						525			
..do.....						170			
Brass workers.....						175			
Blacksmiths.....						177			
Blacksmiths' helpers.....						12			
Freight handlers.....						837			
..do.....						765			
..do.....						946			
..do.....						694			
Brewers and malsters.....									686
..do.....						340			
..do.....						120			
<i>Chillicothe</i>	2					15		50	
Carpenters and joiners.....						15			
Trainmen, R. R.....								50	
<i>Clinton</i>	2					50			26
Engineers, R. R.....						50			
Conductors, R. R.....									26
<i>Coal City</i>	1								
Hoisting engineers.....		38							
<i>Colchester</i>	1								
Miners.....		150							
<i>Collinsville</i>	4	904	20						
Carpenters and joiners.....		55							
Hoisting engineers.....		37							
Brick, tile, terra cotta.....			20						
Miners.....		712							
<i>Dalton</i>	1								
Brick, tile, terra cotta.....			105						
<i>Danville</i>	2	48		35					
Pressmen.....				35					
Cigars.....		48							

Table No. 13—Continued.

LOCATION AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Decatur.....		75		63		60	41		
Bricklayers & masons..				27					
Painters.....						60			
Typographical.....				26					
Hoisting engineers.....		15							
Barbers.....							41		
Cigar makers.....		60							
De Soto.....	1								
Miners.....		120							
Dixon.....	1								
Boot and shoe makers..						114			
Duquoin.....	2	463			13				
Hotel, etc., and waiters.					13				
Miners.....		463							
East Peoria.....	1								
Brick, tile, terra cotta..			35						
East St. Louis.....	8	525		78		289			
Carpenters and joiners..		200							
Firemen, railroad.....						50			
Wood workers.....						60			
Bakers & confectioners						45			
Iron molders.....						81			
Glass blowers.....				78					
Carpenters and joiners..		225							
Coopers.....						53			
Edwardsville.....	1								
Brick, tile, terra cotta..			28						
Elgin.....	8			206	30	86			
Machinists.....				93					
Sheet metal workers....				15					
Painters.....						60			
Typographical.....				28					
Tailors.....						28			
Barbers.....					30				
Carpenters and joiners..				50					
Pressmen, printing.....				30					
Evanston.....	4	212	150						
Sheet metal workers....		10							
Painters.....		150							
Brick, tile, terra cotta..			150						
Carpenters and joiners..		53							
Farmington.....	1								
Hoisting engineers.....		27							
Flatt.....	1								
Miners.....		25							
Freeburg.....	1								
Miners.....		110							
Fresport.....	1								
Iron molders.....						83			
Galesburg.....	1								
Conductors, R. R.....						96			
Georgetown.....	1								
Miners.....		85							

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Firemen.....	17	.....	.....	.....	.....	1,407	.....	.....	40
East St. Louis.....	50	.....	.....	.....
Savanna.....	58	.....	.....	.....
Chicago.....	28	.....	.....	.....
..do.....	28	.....	.....	.....
..do.....	60	.....	.....	.....
Blue Island.....	60	.....	.....	.....
Chicago.....	80	.....	.....	.....
..do.....	72	.....	.....	.....
..do.....	68	.....	.....	40
..do.....	80	.....	.....	.....
..do.....	210	.....	.....	.....
..do.....	230	.....	.....	.....
..do.....	180	.....	.....	.....
..do.....	30	.....	.....	.....
..do.....	140	.....	.....	.....
Peoria.....	126	.....	.....	.....
Freight handlers.....	4	.....	.....	.....	.....	2,222	.....	.....	.....
Chicago.....	537	.....	.....	.....
..do.....	705	.....	.....	.....
..do.....	946	.....	.....	.....
..do.....	604	.....	.....	.....
Switchmen.....	7	.....	.....	.....	.....	.....	1,125	.....	.....
Joliet.....	98	.....	.....
Savanna.....	24	.....	.....
Chicago.....	200	.....	.....
Blue Island.....	150	.....	.....
Chicago.....	200	.....	.....
..do.....	250	.....	.....
..do.....	225	.....	.....
Trainmen.....	10	.....	.....	.....	.....	1,278	.....	.....	50
Chillicothe.....	50
Chicago.....	184	.....	.....	.....
..do.....	260	.....	.....	.....
..do.....	65	.....	.....	.....
..do.....	250	.....	.....	.....
..do.....	121	.....	.....	.....
Blue Island.....	80	.....	.....	.....
Chicago.....	40	.....	.....	.....
..do.....	67	.....	.....	.....
Peoria.....	81	.....	.....	.....
Stationary firemen.....	2	250	.....	.....	45	.....	.....	.....	.....
Springfield.....	45	.....	.....	.....	.....
Chicago.....	250	.....	.....	.....	.....	.....	.....	.....
Steam engineers.....	3	.....	.....	.....	25	.....	490	.....	.....
Quincy.....	25	.....	.....	.....	.....
Chicago.....	400	.....	.....
Peoria.....	90	.....	.....
Steam fitters.....	2	650	.....	.....	.....	.....	.....	.....	.....
Chicago.....	250	.....	.....	.....	.....	.....	.....	.....
..do.....	300	.....	.....	.....	.....	.....	.....	.....

Table No. 12—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours.
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Street car employes	6	.....	.....	.....	150	.....	8,975	.....	.....
Belleville	150	.....	.....	.....	.....
Chicago	275	.....	.....
..do	4,000	.....	.....
..do	800	.....	.....
..do	400	.....	.....
..do	4,000	.....	.....
Team drivers	18	32	.....	68	14,200	650	.....	730	8
Pekin	46	.....	.....	.....	.....	.....
Mt. Olive	8
Pinckneyville	22	.....	.....	.....	.....	.....
Joliet	50	.....	.....	.....	.....
Centralia	32	.....	.....	.....	.....	.....	.....	.....
Chicago	730	.....
..do	900	.....	.....	.....	.....
..do	1,400	.....	.....	.....	.....
..do	600	.....	.....	.....
..do	6,000	.....	.....	.....	.....
..do	4,000	.....	.....	.....	.....
..do	900	.....	.....	.....	.....
..do	1,000	.....	.....	.....	.....
Vessel unloaders	5	.....	.....	290	4,000	555	.....	.....	104
Chicago	290	.....	.....	.....	.....	.....
..do	4,000	.....	.....	.....	.....
..do	520	.....	.....	.....
..do	45	.....	.....	.....
..do	104
Woodblock pavers	2	240	.....	.....	.....	95	.....	.....	.....
Chicago	95	.....	.....	.....
..do	240	.....	.....	.....	.....	.....	.....	.....
Wood workers	15	.....	.....	2,600	.....	82	.....	.....	.....
Rock Falls	22	.....	.....	.....
East St. Louis	60	.....	.....	.....
Chicago	240	.....	.....	.....	.....	.....
..do	419	.....	.....	.....	.....	.....
..do	845	.....	.....	.....	.....	.....
..do	600	.....	.....	.....	.....	.....
..do	390	.....	.....	.....	.....	.....
..do	500	.....	.....	.....	.....	.....
..do	53	.....	.....	.....	.....	.....
..do	60	.....	.....	.....	.....	.....
..do	60	.....	.....	.....	.....	.....
..do	60	.....	.....	.....	.....	.....
..do	100	.....	.....	.....	.....	.....
..do	38	.....	.....	.....	.....	.....
..do	125	.....	.....	.....	.....	.....
MISCELLANEOUS	27	336	150	1,203	100	2,319	619	.....	373
Bill posters	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago	120	.....	.....
Box makers and sawyers	1	.....	.....	.....	.....	490	.....	.....	.....
Chicago
Brush makers	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago	85	.....	.....	.....	.....	.....
Chandelier makers	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago	87	.....	.....	.....	.....	.....

Table No. 13—Continued.

LOCATION AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	12 hours.	
Murphysboro.....	7	606					153		
Cigar makers.....		12							
Carpenters and joiners.....		40							
Hoisting engineers.....		14							
Retail clerks.....							59		
Hotel, etc., and waiters.....							31		
Miners.....		540							
Engineers.....							63		
New Athens.....	1				9				
Brewers and malsters.....									
New Baden.....	2	200		21					
Miners.....		200							
Carpenters and joiners.....				21					
Oakland.....	1								
Carpenters and joiners.....		82							
Odin.....	1								
Miners.....		190							
O'Fallon.....	2	252							
Miners.....		192							
..do.....		60							
Oglesby.....	2	14		12					
Miners.....		14							
Hoisting engineers.....				12					
Ottawa.....	3	52		67		19			
Cigar makers.....		52							
Carpenters and joiners.....				67					
Painters.....						19			
Paisley.....	1								
Miners.....		60							
Pawnee.....	1								
Miners.....									87
Pekin.....	5	23	17	124					
Carpenters and joiners.....				73					
Brick makers.....				15					
Team drivers.....				46					
Brick, tile, terra cotta.....			17						
Cigar makers.....		23							
Peoria.....	16	269	100		74	422	90		202
Conductors.....						63			
Painters.....		125							
Letter carriers.....		7							
Brick, tile, terra cotta.....			100						
Cigar makers.....		112							
Coopers.....									150
Plumbers.....		27							
Barbers.....					74				
Typographical.....		98							
Firemen, railroad.....						126			
Steam engineers.....							90		
Trainmen, railroad.....						81			
Tailors.....						26			
Conductors, railroad.....						64			
Engineers, railroad.....						42			
..do.....									52

Table No. 13—Continued.

LOCATION AND TRADE.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
Peru	2	.....	.....	60	.....	.....	.....	.....	.....
Typographical .....	.....	.....	.....	17	.....	.....	.....	.....	.....
Carpenters and joiners .....	.....	.....	.....	43	.....	.....	.....	.....	.....
Pineknayville	1	.....	.....	22	.....	.....	.....	.....	.....
Team drivers .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pontiac	2	.....	.....	8	.....	.....	15	.....	.....
Bricklayers and masons .....	.....	.....	.....	8	.....	.....	.....	.....	.....
Barbers .....	.....	.....	.....	.....	.....	.....	15	.....	.....
Presumption	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	15	.....	.....	.....	.....	.....	.....	.....
Pullman	3	.....	131	.....	.....	250	.....	.....	.....
Brick, tile, terra cotta .....	.....	.....	70	.....	.....	.....	.....	.....	.....
Carpenters .....	.....	.....	61	.....	.....	.....	.....	.....	.....
Brass workers .....	.....	.....	.....	.....	250	.....	.....	.....	.....
Quincy	7	.....	120	112	25	96	.....	.....	.....
Bricklayers and masons .....	.....	.....	.....	35	.....	.....	.....	.....	.....
Steam engineers .....	.....	.....	.....	.....	25	.....	.....	.....	.....
Brewers and malsters .....	.....	.....	.....	.....	.....	27	.....	.....	.....
Leather workers .....	.....	.....	.....	.....	.....	69	.....	.....	.....
Typographical .....	.....	.....	.....	50	.....	.....	.....	.....	.....
Sheet metal workers .....	.....	.....	.....	25	.....	.....	.....	.....	.....
Brick, tile, terra cotta .....	.....	.....	120	.....	.....	.....	.....	.....	.....
Randall	1	.....	.....	.....	.....	.....	.....	.....	.....
Brick, tile, terra cotta .....	.....	.....	120	.....	.....	.....	.....	.....	.....
Rock Falls	1	.....	.....	.....	.....	22	.....	.....	.....
Wood workers .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rockford	3	.....	.....	.....	.....	218	.....	.....	.....
Garment workers .....	.....	.....	.....	.....	.....	78	.....	.....	.....
Carpenters and joiners .....	.....	.....	.....	.....	.....	140	.....	.....	.....
Rock Island	3	55	.....	.....	.....	178	.....	.....	.....
Bricklayers and masons .....	.....	55	.....	.....	.....	.....	.....	.....	.....
Conductors, railroad .....	.....	.....	.....	.....	.....	78	.....	.....	.....
Iron molders .....	.....	.....	.....	.....	.....	100	.....	.....	.....
Rutland	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	225	.....	.....	.....	.....	.....	.....	.....
St. David	1	.....	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	125	.....	.....	.....	.....	.....	.....	.....
Savanna	2	.....	.....	.....	.....	58	66	.....	.....
Firemen, R. R. ....	.....	.....	.....	.....	.....	58	.....	.....	.....
Switchmen .....	.....	.....	.....	.....	.....	.....	86	.....	.....
Shermerville	2	42	60	.....	.....	.....	.....	.....	.....
Brickmakers .....	.....	42	.....	.....	.....	.....	.....	.....	.....
Brick, tile, terra cotta .....	.....	.....	60	.....	.....	.....	.....	.....	.....
Sherrard	2	262	.....	.....	.....	.....	.....	.....	.....
Hoisting engineers .....	.....	12	.....	.....	.....	.....	.....	.....	.....
Miners .....	.....	250	.....	.....	.....	.....	.....	.....	.....

Table No. 13—Continued.

TRADES AND LOCATION.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	18 hours.	
Sorento	1								
Miners		212							
Sparland	1								
Miners		40							
Sparta	2	242							
Miners		22							
..do		180							
..do		90							
Spaulding	1								
Miners		110							
Springfield	9	272	200	50		60			
Cigar makers		30							
Miners		25							
Garment makers						22			
Machinists				50					
Holisting engineers		42							
Tailors						47			
Bricklayers and masons		50							
Miners		165							
Brick, tile, terra cotta			290						
Spring Valley	2	620		30					
Miners		620							
Carpenters and joiners				30					
Streator	11	406	148	40		62			
Cigar makers		24							
Glass workers		240							
Painters		50							
Brickmakers						62			
Holisting engineers		42							
Letter carriers		5							
Brick, tile, terra cotta				40					
Plasters		19							
Brick, tile, terra cotta			60						
..do			42						
..do			45						
Taylorville	1							35	
Barbers									
Toluca	2	150				28			
Miners		150							
Carpenters and joiners						28			
Upper Alton	1								
Glass blowers			276						
Wenona	1								
Holisting engineers		12							

Table No. 13—Concluded.

LOCATION AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							No record of hours
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	
MISCELLANEOUS.....	27	1,260	150	1,203	100	2,304	619	.....	373
Chicago.....	24	1,260	150	1,063	100	2,294	130	.....	.....
Bill posters.....	130	.....	.....
Box makers & sawyers.....	490	.....	.....	.....
Brush makers.....	85	.....	.....	.....	.....	.....
Chandeller makers.....	87	.....	.....	.....	.....	.....
Cloth hat & cap makers.....	100	.....	.....	.....	.....
Drain'ge layers & help's.....	35	.....	.....	.....	.....	.....	.....	.....
Egg inspectors.....	235	.....	.....	.....
Felt hatters.....	60	.....	.....	.....	.....	.....	.....	.....
Glove makers.....	130	.....	.....	.....
Gold beaters.....	64	.....	.....	.....
Granite cutters.....	40	.....	.....	.....	.....	.....	.....	.....
Horse nail makers.....	678	.....	.....	.....
Horse shoers.....	611	.....	.....	.....	.....	.....
Mattress makers.....	330	.....	.....	.....
Parquet floor workers..	120	.....	.....	.....	.....	.....	.....	.....
Pattern makers.....	300	.....	.....	.....	.....	.....
Photo engravers.....	150	.....	.....	.....	.....	.....	.....
Rubber workers.....	307	.....	.....	.....
Stone cutters.....	250	.....	.....	.....	.....	.....	.....	.....
Stone derrickmen.....	120	.....	.....	.....	.....	.....	.....	.....
Stone planers.....	60	.....	.....	.....	.....	.....	.....	.....
Theatrical stage empl's.....	575	.....	.....	.....	.....	.....	.....	.....
Traveling salesmen.....	373
Watch case engravers..	20	.....	.....	.....
Litchfield.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Laundry workers.....	10	.....	.....	.....
Roscoe.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Railroad telegraphers..	489	.....	.....
Chicago.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Type foundry.....	120	.....	.....	.....	.....	.....

These tables give in detail the record for the 140,783 employes, being the total membership reported for 1901. Table 12 is recapitulated and follows:

TABLE NO. 14—*Recapitulation of Table No. 12*

INDUSTRY AND TRADES.	Number of unions.	WORKING HOURS, 1901—NUMBER WORKING—							
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.	No record and not reported.
Grand totals.....	592	38,587	8,275	21,569	20,973	21,502	12,089	876	6,962
Bakers and confectioners.....	7	.....	.....	600	.....	766	.....	.....	.....
Barbers.....	7	.....	.....	.....	104	.....	86	36	.....
Blacksmiths.....	4	.....	.....	.....	.....	199	.....	.....	.....
Boot and shoemakers.....	2	.....	.....	.....	.....	814	.....	.....	.....
Brassworkers.....	2	.....	.....	.....	.....	425	.....	.....	.....
Brewers and malsters.....	7	.....	.....	48	.....	496	.....	.....	686
Brickmakers.....	4	72	.....	15	.....	62	.....	.....	.....
Brick, tile and terra cotta.....	29	65	2,227	40	.....	.....	.....	.....	.....
Broommakers.....	2	.....	.....	80	.....	6	.....	.....	.....
Building trades.....	96	19,875	5,126	570	.....	418	.....	.....	800
Bricklayers.....	11	2,272	.....	106	.....	.....	.....	.....	.....
Carpenters and joiners.....	47	6,562	5,126	373	.....	256	.....	.....	.....
Gravel roofing.....	1	215	.....	.....	.....	.....	.....	.....	.....
Hod carriers.....	4	5,222	.....	.....	.....	.....	.....	.....	800
Lathers.....	3	232	.....	.....	.....	.....	.....	.....	.....
Painters.....	21	2,082	.....	91	.....	162	.....	.....	.....
Plasterers.....	4	494	.....	.....	.....	.....	.....	.....	.....
Plumbers.....	4	696	.....	.....	.....	.....	.....	.....	.....
Butchers and meat cutters.....	10	.....	.....	.....	.....	2,800	.....	.....	.....
Cigar makers.....	23	2,450	.....	.....	.....	.....	.....	.....	.....
Clerical trades.....	30	220	.....	100	2,102	166	122	.....	.....
Hotel, etc., waiters.....	3	.....	.....	.....	13	150	31	.....	.....
Postoffice clerks.....	1	320	.....	.....	.....	.....	.....	.....	.....
Railway clerks.....	1	.....	.....	.....	640	.....	.....	.....	.....
Retail clerks.....	25	.....	.....	100	1,449	16	91	.....	.....
Coopers.....	7	.....	.....	21	.....	202	.....	.....	150
Electrical workers.....	4	928	.....	.....	.....	.....	.....	.....	.....
Elevator constructors.....	2	206	.....	.....	.....	.....	600	.....	.....
Garment workers.....	32	400	.....	5,964	.....	710	.....	.....	.....
Cutters.....	1	200	.....	.....	.....	.....	.....	.....	.....
Garment makers.....	4	200	.....	.....	.....	536	.....	.....	.....
Garment workers, special order.....	19	.....	.....	5,200	.....	.....	.....	.....	.....
Tailors.....	8	.....	.....	764	.....	175	.....	.....	.....
Glass blowers.....	6	340	762	78	168	78	.....	.....	.....
Hoisting engineers.....	15	389	.....	12	.....	16	.....	.....	.....
Iron trades.....	29	662	.....	1,077	79	4,228	.....	.....	88
Architectural workers.....	7	310	.....	.....	.....	700	.....	.....	.....
Boilermakers.....	6	.....	.....	1,000	.....	32	.....	.....	88
Bridge workers, structural.....	1	.....	.....	.....	.....	.....	908	.....	.....
Iron molders.....	12	.....	.....	.....	.....	2,075	.....	.....	.....
Iron, tin and steel workers.....	2	.....	.....	86	79	.....	.....	.....	.....
Metal polishers.....	2	.....	.....	.....	.....	186	.....	.....	.....
Sheet metal workers.....	4	362	.....	41	.....	.....	.....	.....	.....
Stove mounters.....	2	.....	.....	.....	.....	20	.....	.....	.....
United metal workers.....	1	.....	.....	.....	.....	225	.....	.....	.....

Table No. 14—Concluded.

INDUSTRY AND TRADES.	Number of unions.	WORKING HOURS, 1901. NUMBER WORKING—						
		8 hours.	8½ hours.	9 hours.	9 to 12 hours.	10 hours.	12 hours.	13 hours.
Leather workers.....	2	.....	.....	.....	.....	519	.....	.....
Letter carriers.....	6	187	.....	.....	.....	.....	.....	.....
Machinists.....	28	.....	.....	2,480	.....	198	.....	.....
Miners (U. M. W. A.).....	61	9,253	.....	.....	.....	.....	.....	245
Musicians.....	8	.....	.....	.....	.....	.....	.....	2,096
Printing trades.....	25	526	.....	5,343	.....	86	.....	.....
Pressmen.....	14	331	.....	5,065	.....	86	.....	.....
Stereotypers.....	1	120	.....	.....	.....	.....	.....	.....
Typographical.....	10	75	.....	278	.....	.....	.....	.....
Railroad employes.....	68	.....	.....	.....	.....	7,966	1,198	110
Conductors.....	12	.....	.....	.....	.....	1,184	.....	60
Engineers.....	17	.....	.....	.....	.....	815	63	186
Firemen.....	17	.....	.....	.....	.....	1,407	.....	52
Freight handlers.....	5	.....	.....	.....	.....	.....	1,135	40
Switchmen.....	7	.....	.....	.....	.....	3,232	.....	.....
Trainmen.....	10	.....	.....	.....	.....	1,278	.....	50
Stationary firemen.....	2	250	.....	.....	45	.....	.....	.....
Steam engineers.....	3	.....	.....	.....	25	.....	490	.....
Steamfitters.....	2	650	.....	.....	.....	.....	.....	.....
Street car employes.....	6	.....	.....	.....	150	.....	8,975	.....
Team drivers.....	14	32	.....	68	14,200	650	.....	730
Vessel unloaders.....	6	.....	.....	290	4,000	585	.....	8
Wood block pavers.....	3	240	.....	.....	.....	95	.....	404
Wood workers.....	15	.....	.....	3,600	.....	82	.....	.....
Miscellaneous.....	27	936	150	1,203	100	2,314	619	373
Bill posters and billers.....	1	.....	.....	.....	.....	.....	130	.....
Box making and sawing.....	1	.....	.....	.....	.....	490	.....	.....
Brush makers.....	1	.....	.....	85	.....	.....	.....	.....
Chandelier makers.....	1	.....	.....	87	.....	.....	.....	.....
Cloth hat and cap makers.....	1	.....	.....	.....	100	.....	.....	.....
Drainage layers and helpers.....	1	35	.....	.....	.....	.....	.....	.....
Egg inspectors.....	1	.....	.....	.....	.....	235	.....	.....
Felt hatters.....	1	60	.....	.....	.....	.....	.....	.....
Glove makers.....	1	.....	.....	.....	.....	180	.....	.....
Gold beaters.....	1	.....	.....	.....	.....	64	.....	.....
Granite cutters.....	1	40	.....	.....	.....	.....	.....	.....
Horse nail makers.....	1	.....	.....	.....	.....	678	.....	.....
Horseshoers.....	1	.....	.....	611	.....	.....	.....	.....
Laundry workers.....	1	.....	.....	.....	.....	10	.....	.....
Mattress makers.....	1	.....	.....	.....	.....	330	.....	.....
Parquet floor makers.....	1	120	.....	.....	.....	.....	.....	.....
Pattern makers.....	1	.....	.....	300	.....	.....	.....	.....
Photo engravers.....	1	.....	150	.....	.....	.....	.....	.....
Railroad telegraphers.....	1	.....	.....	.....	.....	.....	489	.....
Rubber workers.....	1	.....	.....	.....	.....	307	.....	.....
Stone cutters.....	1	250	.....	.....	.....	.....	.....	.....
Stone derrickmen.....	1	120	.....	.....	.....	.....	.....	.....
Stone planers.....	1	60	.....	.....	.....	.....	.....	.....
Theatrical stage employes.....	1	251	.....	.....	.....	.....	.....	.....
Traveling salesmen.....	1	.....	.....	.....	.....	.....	.....	878
Type foundry.....	1	.....	.....	120	.....	.....	.....	.....
Watch case engravers.....	1	.....	.....	.....	.....	20	.....	.....
Percentages ..	....	27.43	5.88	15.33	14.90	22.33	8.59	0.63
		4.88						

Referring to the percentages it is found that 48.63 of the total membership reported were working less than 10 hours; however, presuming that one-half of those returned as working from nine to 12 hours, were working but nine hours, would increase the number working less than 10 hours to 56 per cent of the total number.

The next presentation is the returns made as to agreements between the unions and the employers:

TABLE No. 15—*Membership 1901—Agreements, Hours, Wages, Etc.*

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNION: WITH EM- PLOYER.		HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.		
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Totals	592	140,722	498	82	271	102	16	50	232	193
Bakers and confectioners.....	7	1,268	6	1	5		1	1	5	
East St. Louis.....		45	1				1		1	
Belleville.....		16	1					1		
Alton.....		12	1		1				1	
Chicago.....		600	1		1				1	
..do.....				1						
..do.....		525	1		1				1	
..do.....		170	1		1				1	
Barbers.....	7	234	7		6		1	4	3	
Elgin.....		32	1				1	1		
Taylorville.....		35	1		1			1		
Decatur.....		41	1		1				1	
Carlinville.....		8	1		1			1		
Pontiac.....		15	1		1			1		
Aurora.....		29	1		1				1	
Peoria.....		74	1		1				1	
Blacksmiths.....	3	524		3						
Chicago.....		281		1						
..do.....		197		1						
..do.....		46		1						
Boot and shoe makers.....	2	814	1	1	1				1	
Dixon.....		114		1						
Chicago.....		700	1		1				1	
Brass workers.....	2	507	2		2				2	
Pullman.....		250	1		1				1	
Chicago.....		257	1		1				1	

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.		
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Brewers and malsters.....	7	1,289	5	...	2	...	3	1	3	1
LaSalle		42	1	...	...	...	1	...	1	...
Mendota		6	1	...	...	...	...	...	...	...
Quincy		27	1	...	...	...	1	...	1	...
New Athens		9	1	...	1	...	...	1	...	...
Chicago		745	1	...	...	...	1	...	...	1
..do		340	1	...	1	...	...	...	1	...
..do		120	...	...	...	...	...	...	...	...
Brick makers.....	4	166	3	1	2	1	...	2	1	...
Streator		62	...	1	...	...	...	...	...	...
Pekin		10	1	...	1	...	...	...	1	...
Kewanee		20	1	...	1	...	...	1	...	...
Shermerville		64	1	...	...	1	...	...	1	...
Brick, tile and terra cotta.....	29	2,305	29	...	29	...	...	2	27	...
Streator .....		...	...	...	...	...	...	...	...	...
Pullman		70	1	...	1	...	...	1	...	...
Bernice		68	1	...	1	...	...	...	1	...
Blue Island		250	1	...	1	...	...	...	1	...
Dalton		105	1	...	1	...	...	...	1	...
Kensington		72	1	...	1	...	...	...	1	...
Chicago		252	1	...	1	...	...	...	1	...
Belleville		70	1	...	1	...	...	...	1	...
Collinsville		20	1	...	1	...	...	...	1	...
Springfield		200	1	...	1	...	...	...	1	...
Peoria		100	1	...	1	...	...	...	1	...
Edwardsville		28	1	...	1	...	...	...	1	...
Streator		60	1	...	1	...	...	...	1	...
Kewanee		33	1	...	1	...	...	...	1	...
Pekin		17	1	...	1	...	...	...	1	...
Streator		43	1	...	1	...	...	...	1	...
Griffin		34	1	...	1	...	...	...	1	...
East Peoria		25	1	...	1	...	...	...	1	...
Chicago		100	1	...	1	...	...	...	1	...
Evanston		150	1	...	1	...	...	...	1	...
Shermerville		60	1	...	1	...	...	...	1	...
Blue Island		60	1	...	1	...	...	...	1	...
Glen Carbon		90	1	...	1	...	...	...	1	...
Quincy		50	1	...	1	...	...	...	1	...
Randall		120	1	...	1	...	...	...	1	...
Streator		45	1	...	1	...	...	...	1	...
Jacksonville		42	1	...	1	...	...	...	1	...
Chicago		63	1	...	1	...	...	1	...	...
..do		78	1	...	1	...	...	...	1	...
Broom makers	2	92	2	...	2	...	...	...	2	...
Aurora		5	1	...	1	...	...	...	1	...
Chicago		88	1	...	1	...	...	...	1	...

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.		
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
BUILDING TRADES.....	95	30,728	81	14	90			20	27	33
Bricklayers	11	3,500	6	5	5			1	4	1
Quincy.....		36	1		1				1	
East St. Louis.....		60		1						
LaSalle.....		44		1						
Decatur.....		27	1		1				1	
Rock Island.....		61		1						
Pontiac.....		17	1		1			1		
Highwood.....		38		1						
Bloomington.....		80	1						1	
Springfield.....		50	1		1					
Chicago.....		3,100	1		1					1
Belleville.....		37		1						
Carpenters and joiners.....	47	14,580	42	5	42			9	13	20
Murphysboro.....		65	1		1				1	
Madison.....		111	1		1			1		
Mascoutah.....		13	1		1				1	
East St. Louis.....		178	1		1					1
Collinsville.....		55	1		1				1	
Pekin.....		73	1		1				1	
Chillicothe.....		15	1		1			1		
Ottawa.....		67	1		1				1	
New Baden.....		21	1		1				1	
Kewanee.....		65	1		1				1	
Bloomington.....		167	1		1			1		
Herrin.....		50								
Centralia.....		70	1		1			1		
Salem.....		15	1		1			1		
Marissa.....		28	1		1			1		
Pern.....		43	1		1			1		
Rockford.....		140		1						
Toluca.....		24	1		1			1		
Moline.....		129	1		1			1		
Elgin.....		50	1		1				1	
Spring Valley.....		30	1		1					
Belleville.....		112		1						1
East St. Louis.....		325	1		1				1	
Alton.....		119	1		1					
Oakland.....		119		1						
Evanston.....		52		1						
Chicago.....		128	1		1				1	
..do.....		5,700	1		1					1
..do.....		137	1		1					1
Austin.....		126	1		1					1
Chicago.....		52	1		1				1	
Pullman.....		61	1		1				1	
Chicago.....		277	1		1					1
..do.....		361	1		1					1
..do.....		242	1		1					1
..do.....		342	1		1					1
..do.....		690	1		1					1
..do.....		130	1		1					1
..do.....		244	1		1					1
..do.....		85	1		1					1
..do.....		682	1		1					
..do.....		602	1		1					
..do.....		236	1		1					

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.			
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Carpenters and joiners—Concluded.										
Chicago		180	1		1					1
..do		220	1		1					1
..do		917	1		1					1
..do		1,024	1		1					1
Gravel Roofers	1	315	1		1				1	
Chicago		315	1		1				1	
Hod Carriers	4	6,315	4		4					4
Chicago		2,930	1		1					1
..do		385	1		1					1
..do		2,300	1		1					1
..do		800	1		1					1
Lathers	3	514	2	1	2			2		
Joliet		15		1						
Chicago		492	1		1			1		
Bloomington		7	1		1			1		
Painters	21	4,061	20	1	20			7	8	5
Peoria		137	1		1					1
Elgin		60	1		1			1		
Decatur		60	1		1			1		
Streator		52	1		1				1	
Ottawa		19	1		1					1
Kankakee		23	1		1					1
Joliet		54	1		1					1
Chicago		105	1		1				1	
..do		712	1		1				1	
..do		420	1		1				1	
..do		95	1		1			1		
..do		316	1		1				1	
..do		980	1		1				1	
..do		65	1		1			1		
..do		60	1		1					1
..do		378	1		1				1	
Evanston		150	1		1			1		
Chicago		150	1		1			1		
..do		141	1		1				1	
Belleville		87		1						
Chicago		75	1		1			1		
Plasterers	4	497	3	1	2				1	1
Bloomington		16	1		1				1	
Joliet		12	1							
Streator		19		1						1
Chicago		450	1		1					
Plumbers	4	990	3	1	4			1		3
Champaign		9	1		1					
Chicago		154	1		1			1		
..do		800	1		1					1
Peoria		27		1						

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS WAGES, ETC.						
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.	
			Yes.	No.	Local.	International.	Both.	Individual.	Firm. Committee of association.
Butchers and meat cutters	10	3,800	10	....	10	....	....	....	10
Chicago.....		250	1	....	1	....	....	....	1
..do.....		300	1	....	1	....	....	....	1
..do.....		600	1	....	1	....	....	....	1
..do.....		150	1	....	1	....	....	....	1
..do.....		250	1	....	1	....	....	....	1
..do.....		250	1	....	1	....	....	....	1
..do.....		650	1	....	1	....	....	....	1
..do.....		250	1	....	1	....	....	....	1
..do.....		900	1	....	1	....	....	....	1
..do.....		100	1	....	1	....	....	....	1
Cigar makers	23	2,699	21	2	19	....	....	2	17
Belvidere.....		24	1	....	....	....	....	....	1
Alton.....		47	1	....	....	....	....	....	1
Kewanee.....		28	1	....	1	....	....	....	1
Centralia.....		16	1	....	1	....	....	....	1
Chicago.....		25	1	....	1	....	....	....	1
Kankakee.....		9	....	1	....	....	....	....	1
Streator.....		24	1	....	1	....	....	....	1
Canton.....		61	1	....	1	....	....	....	1
Murphysboro.....		12	1	....	1	....	....	....	1
Springfield.....		92	1	....	1	....	....	....	1
Ottawa.....		52	1	....	1	....	....	....	1
Danville.....		52	....	1	....	....	....	....	1
Chicago.....		43	1	....	1	....	....	....	1
..do.....		172	1	....	1	....	....	....	1
..do.....		37	1	....	1	....	....	....	1
..do.....		1,601	1	....	1	....	....	....	1
Pekin.....		24	1	....	1	....	....	....	1
Peoria.....		112	1	....	1	....	....	....	1
Havana.....		13	1	....	1	....	....	....	1
Blue Island.....		26	1	....	1	....	....	....	1
Chicago.....		28	1	....	1	....	....	....	1
Decatur.....		98	1	....	1	....	....	....	1
Bloomington.....		63	1	....	1	....	....	....	1
CLERICAL TRADES	30	2,764	26	4	24	....	1	1	23
Hotel, etc., waiters	3	196	2	1	1	....	....	....	1
Duquoin.....		15	1	....	....	....	....	....	1
Murphysboro.....		31	1	....	1	....	....	....	1
Chicago.....		150	....	1	....	....	....	....	1
Postoffice clerks	1	220	....	1	....	....	....	....	1
Chicago.....		220	....	1	....	....	....	....	1
Railway clerks	1	640	1	....	....	....	....	....	1
Chicago.....		640	1	....	....	....	....	....	1
Retail clerks	25	1,708	23	2	23	....	1	1	23
Centralia.....		56	1	....	1	....	....	....	1
Kewanee.....		60	1	....	1	....	....	....	1
Murphysboro.....		59	1	....	1	....	....	....	1
Alton.....		85	1	....	....	....	1	....	1
Aurora.....		18	1	....	1	....	....	....	1
Joliet.....		50	....	1	....	....	....	....	1
La Salle.....		100	1	....	1	....	....	....	1

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EM- PLOYER.	HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.			
				Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Retail clerks—Concluded.										
Chicago.....		80	1		1					1
..do.....		45	1		1					
..do.....		170	1		1					
..do.....		60	1		1					
..do.....		80	1		1					
..do.....		50	1		1					
..do.....		60	1		1					
..do.....		70	1		1					
..do.....		50	1		1					
..do.....		76	1		1					
..do.....		76	1		1					
..do.....		50	1		1					
..do.....		74	1		1					
..do.....		87	1		1					
..do.....		55	1		1					
..do.....		40	1		1					
..do.....		125	1		1					
..do.....		32		1						
Coopers.....	7	886	3	4	3				1	2
Alton.....		21	1		1				1	
East St. Louis.....		60	1		1					1
Peoria.....		198	1		1					1
Chicago.....		260		1						
..do.....		47		1						
..do.....		200		1						
..do.....		102		1						
Electrical workers.....	4	1,083	2	2	2					2
Chicago.....		350		1						
..do.....		480	1		1					1
..do.....		82	1		1					1
..do.....		161		1						
Elevator constructors.....	2	805	1	1	1					1
Chicago.....		205	1		1					1
..do.....		600		1						
GARMENT WORKERS.....	32	7,425	30	2	29			2	1	10 19
Cutters.....	1									
Chicago.....		200		1						
Garment makers.....	4	738	3	1	4					2 1
Springfield.....		22		1						
Rockford.....		81	1		1					1
Chicago.....		200	1		1					1
..do.....		435	1		1					1

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership in 1901.	AGREEMENTS, HOURS, WAGES, ETC.								
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.				
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.	
Garment workers—special order ..	19	5,550	19	....	19	....	....	....	....	1	18
Chicago		150	1	....	1	....	....	....	....	1	....
..do		50	1	....	1	....	....	....	....	....	1
..do		25	1	....	1	....	....	....	....	....	1
..do		250	1	....	1	....	....	....	....	....	1
..do		25	1	....	1	....	....	....	....	....	1
..do		300	1	....	1	....	....	....	....	....	1
..do		100	1	....	1	....	....	....	....	....	1
..do		200	1	....	1	....	....	....	....	....	1
..do		350	1	....	1	....	....	....	....	....	1
..do		300	1	....	1	....	....	....	....	....	1
..do		200	1	....	1	....	....	....	....	....	1
..do		300	1	....	1	....	....	....	....	....	1
..do		900	1	....	1	....	....	....	....	....	1
..do		150	1	....	1	....	....	....	....	....	1
..do		1,000	1	....	1	....	....	....	....	....	1
..do		700	1	....	1	....	....	....	....	....	1
..do		250	1	....	1	....	....	....	....	....	1
..do		200	1	....	1	....	....	....	....	....	1
..do		100	1	....	1	....	....	....	....	....	1
Tailors	8	937	8	....	6	....	....	2	1	7	....
Champaign		20	1	....	....	....	....	1	1	....	....
Belleville		13	1	....	1	....	....	....	....	1	....
Alton		15	1	....	....	....	....	1	....	1	....
Springfield		46	1	....	1	....	....	....	....	1	....
Elgin		28	1	....	1	....	....	....	....	1	....
Danville		15	1	....	1	....	....	....	....	1	....
Peoria		36	1	....	1	....	....	....	....	1	....
Chicago		764	1	....	1	....	....	....	....	1	....
Glass Blowers	6	1,464	6	....	2	3	....	1	....	3	8
Streator		340	1	....	1	....	....	....	....	1	....
Upper Alton		376	1	....	....	....	....	1	....	1	....
Alton		424	1	....	....	1	....	....	....	....	1
Belleville		168	1	....	....	1	....	....	....	....	1
East St. Louis		78	1	....	....	1	....	....	....	....	1
Chicago		78	1	....	1	....	....	....	....	....	....
Holisting Engineers	15	426	15	....	....	15	....	....	....	....	15
Sherrard		14	1	....	....	1	....	....	....	....	1
Farmington		30	1	....	....	1	....	....	....	....	1
Collinsville		37	1	....	....	1	....	....	....	....	1
Decatur		15	1	....	....	1	....	....	....	....	1
Murphysboro		14	1	....	....	1	....	....	....	....	1
Oglesby		12	1	....	....	1	....	....	....	....	1
Springfield		50	1	....	....	1	....	....	....	....	1
Athens		16	1	....	....	1	....	....	....	....	1
Coal City		35	1	....	....	1	....	....	....	....	1
Herrin		16	1	....	....	1	....	....	....	....	1
Streator		18	1	....	....	1	....	....	....	....	1
Marion		18	1	....	....	1	....	....	....	....	1
Wenona		12	1	....	....	1	....	....	....	....	1
Belleville		76	1	....	....	1	....	....	....	....	1
Chicago		62	1	....	....	1	....	....	....	....	1

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership in 1901.	AGREEMENTS. HOURS, WAGES, ETC.							
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYEE.		
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
IRON TRADES—	39	7,548	27	12	24	2	1	1	21	3
Architectural Workers	7	1,030	7	....	7	....	....	....	6	3
Chicago.....		51	1	....	1	....	....	....	1	....
..do.....		225	1	....	1	....	....	....	1	....
..do.....		175	1	....	1	....	....	....	1	....
..do.....		75	1	....	1	....	....	....	1	....
Glencoe.....		120	1	....	1	....	....	....	1	....
Chicago.....		175	1	....	1	....	....	....	1	....
..do.....		210	1	....	1	....	....	....	....	1
Boiler Makers	8	1,120	....	8	....	....	....	....	....	....
Chicago.....		32	....	1	....	....	....	....	....	....
..do.....		21	....	1	....	....	....	....	....	....
..do.....		300	....	1	....	....	....	....	....	....
..do.....		500	....	1	....	....	....	....	....	....
..do.....		125	....	1	....	....	....	....	....	....
..do.....		22	....	1	....	....	....	....	....	....
..do.....		32	....	1	....	....	....	....	....	....
..do.....		68	....	1	....	....	....	....	....	....
Bridge Workers, Structural	1	1,104	1	....	1	....	....	....	....	1
Chicago.....		1,104	1	....	1	....	....	....	....	1
Iron Molders	12	2,220	10	2	8	1	1	....	10	....
Freeport.....		83	....	1	....	....	....	....	....	....
Belleville.....		291	1	....	....	1	....	....	1	....
Rock Island.....		100	1	....	....	....	1	....	1	....
East St. Louis.....		81	1	....	1	....	....	....	1	....
Chicago.....		321	1	....	1	....	....	....	1	....
..do.....		525	1	....	1	....	....	....	1	....
..do.....		425	1	....	1	....	....	....	1	....
..do.....		375	1	....	1	....	....	....	1	....
Harvey.....		425	1	....	1	....	....	....	1	....
Chicago.....		380	1	....	1	....	....	....	1	....
..do.....		180	1	....	1	....	....	....	1	....
Pullman.....		74	....	1	....	....	....	....	....	....
Iron, Tin, Steel Workers	2	115	2	....	2	....	....	1	1	....
Granite City.....		35	1	....	1	....	....	....	1	....
Joliet.....		79	1	....	1	....	....	1	....	....
Metal Polishers	2	263	1	1	1	....	....	....	1	....
Belleville.....		28	....	1	....	....	....	....	....	....
Chicago.....		237	1	....	1	....	....	....	1	....
Sheet Metal Workers	4	401	4	....	4	....	....	1	2	1
Elgin.....		15	1	....	1	....	....	....	1	....
Evanston.....		12	1	....	1	....	....	1	....	....
Quincy.....		37	1	....	1	....	....	....	1	....
Chicago.....		342	1	....	1	....	....	....	....	1
Stove Mounters	2	70	1	1	....	1	....	....	1	....
Aurora.....		20	1	....	....	1	....	....	1	....
Chicago.....		50	....	1	....	....	....	....	....	....

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership in 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EM- PLOYER.	HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.			
				Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
United Metal Workers.....	1									
Chicago.....		225	1		1				1	
Leather Workers.....	2	519	1	1	1				1	
Quincy.....		69		1						
Chicago.....		450	1		1				1	
Letter Carriers.....	6	1,369		6						
Streator.....		7		1						
Mattoon.....		5		1						
Peoria.....		22		1						
Chicago.....		125		1						
Belleville.....		10		1						
Chicago.....		1,200		1						
Machinists.....	23	3,555	18	5	18				17	1
Elgin.....		93		1						
Aurora.....		140	1		1				1	
Springfield.....		52	1		1					1
Belleville.....		41	1		1				1	
Chicago.....		121	1		1				1	
do.....		150		1						
do.....		46	1		1				1	
do.....		163	1		1				1	
Maywood.....		116	1		1				1	
Chicago.....		42	1		1				1	
do.....		78	1		1				1	
do.....		141	1		1				1	
do.....		166	1		1				1	
do.....		202	1		1				1	
do.....		525	1		1				1	
do.....		320	1		1				1	
do.....		92	1		1				1	
do.....		180	1		1				1	
do.....		121	1		1				1	
do.....		75	1		1				1	
Bloomington.....		32		1						
Chicago.....		460		1						
do.....		200		1						
Miners—Coal.....	61	9,923	61			61				61
Lake Creek.....		45	1			1				1
Hallidayboro.....		280	1			1				1
Birkner Station.....		80	1			1				1
Herrin.....		100	1			1				1
Morris.....		69	1			1				1
Edwards.....		100	1			1				1
Pawnee.....		169	1			1				1
Flatt.....		25	1			1				1
Chenoweth.....		16	1			1				1
Elmwood.....		1	1			1				1
Greenview.....		157	1			1				1
Hanna City.....		45	1			1				1
Kingston Mines.....		145	1			1				1
Lensburg.....		58	1			1				1
Spaulding.....		120	1			1				1
Lincoln.....		45	1			1				1
Auburn.....		287	1			1				1
Ledford.....		140	1			1				1

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EM- PLOYER.	HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.			
				Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Miners—Concluded.										
Girard		80	1				1			1
Colchester		105	1				1			1
Oglesby		14	1				1			1
DeSoto		135	1				1			1
Springfield		19	1				1			1
New Baden		200	1				1			1
Mt. Vernon		60	1				1			1
Kangley		225	1				1			1
Marion		50	1				1			1
Spring Valley		620	1				1			1
Bartonville		40	1				1			1
Odin		200	1				1			1
O'Fallon		192	1				1			1
Cable		165	1				1			1
Pekin		85	1				1			1
Himrod		200	1				1			1
Glen Carbon		425	1				1			1
Preemption		26	1				1			1
Georgetown		90	1				1			1
Sorento		204	1				1			1
Cartersville		275	1				1			1
Rutland		225	1				1			1
Toluca		150	1				1			1
Astoria		140	1				1			1
Springfield		165	1				1			1
Sparland		28	1				1			1
Sherrard		258	1				1			1
Auburn		70	1				1			1
Belleville		260	1				1			1
..do		200	1				1			1
..do		497	1				1			1
O'Fallon		60	1				1			1
St. David		125	1				1			1
Duquoin		463	1				1			1
Murphysboro		540	1				1			1
Sparta		23	1				1			1
..do		160	1				1			1
Caseyville		82	1				1			1
Collinsville		712	1				1			1
Freeburg		110	1				1			1
Marissa		225	1				1			1
Sparta		75	1				1			1
Palsley		60	1				1			1
Musicians	3	2,148	1	2	1				1	
Jacksonville		46	1		1				1	
Bloomington		52		1						
Chicago		2,050		1						

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.			
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
PRINTING TRADES	25	6,352	22	1	8	1	5	2	14	6
Pressmen	14	5,847	12	1	7	1	4	1	7	4
Danville		40	1				1		1	
Kewanee		10	1		1				1	
Canton		15	1				1		1	
Chicago		88	1		1				1	
..do		2,400	1		1					1
..do		565	1			1				1
..do		145	1		1				1	
..do		825	1				1			1
..do		2,000	1		1					1
Elgin		20								
Alton		20	1		1			1		
Chicago		35	1		1				1	
..do		86		1			1			
Peoria		98	1				1		1	
Stereotypers	1									
Chicago		120	1		1					1
Typographical	9	385	9		8		1	1	7	1
Peru		17	1		1			1		
Decatur		32	1		1				1	
Elgin		28	1		1				1	
Bloomington		59	1		1				1	
Quincy		58	1				1		1	
Chicago		40	1		1				1	
..do		32	1		1					1
..do		100	1		1				1	
Belleville		18	1		1				1	
RAILROAD EMPLOYEES	68	10,319	61	2	43	18		6	27	28
Conductors	12	1,288	11	1	10	1		5	6	
Galesburg		38	1		1			1		
Aurora		89	1		1			1		
Rock Island		78	1		1			1		
Peoria		63		1						
Clinton		26	1		1			1		
Alton		31	1		1				1	
Chicago		124	1		1			1		
Blue Island		275	1		1				1	
Chicago		384	1		1				1	
..do		104	1		1				1	
Mattoon		60	1		1				1	
Peoria		64	1			1			1	
Engineers	17	935	16	1	16				16	
Clinton		55	1		1				1	
Blue Island		37	1		1				1	
Chicago		35	1		1				1	
..do		53	1		1				1	
..do		76	1		1				1	
..do		57	1		1				1	
..do		54	1		1				1	
..do		43	1		1				1	

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership, 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EM- PLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.			
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Engineers, R. R.—Concluded.										
Chicago		96	1		1				1	
..do		52	1		1				1	
..do		66	1		1				1	
..do		46	1		1				1	
..do		35	1		1				1	
..do		73	1		1				1	
Murphysboro		63	1		1				1	
Peoria		42		1						
..do		52	1		1				1	
Firemen	17	1,457	17		1	16		1	2	14
East St. Louis		60	1			1			1	
Savanna		58	1		1			1		
Chicago		25	1			1				1
..do		25	1			1				1
..do		60	1			1			1	
Blue Island		60	1			1				1
Chicago		35	1			1				1
..do		72	1			1				1
..do		40	1			1				1
..do		66	1			1				1
..do		30	1			1				1
..do		210	1			1				1
..do		210	1			1				1
..do		180	1			1				1
..do		30	1			1				1
..do		140	1			1				1
Peoria		136	1			1				1
Freight handlers	5	4,162	5		5					5
Chicago		827	1		1					1
..do		765	1		1					1
..do		945	1		1					1
..do		694	1		1					1
..do		930	1		1					1
Switchmen	7	1,139	2		2				2	
Joliet		90	1		1				1	
Savanna		24	1		1				1	
Chicago		200								
Blue Island		150								
Chicago		200								
..do		250								
..do		225								
Trainmen	10	1,338	10		9	1			1	9
Chillicothe		60	1			1				1
Chicago		184	1		1					1
..do		360	1		1					1
..do		65	1		1					1
..do		250	1		1					1
..do		121	1		1					1
Blue Island		80	1		1					1
Chicago		40	1		1					1
..do		87	1		1					1
Peoria		81	1		1				1	

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership, 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EM- PLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.			
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Stationary firemen.....	2	300	2	....	2	....	....	....	1	1
Springfield.....		50	1	....	1	....	....	....	1	....
Chicago.....		250	1	....	1	....	....	....	....	1
Steam engineers.....	8	2,115	2	1	2	....	....	1	1	....
Quincy.....		25	....	1	....	....	....	....	....	....
Chicago.....		2,000	1	....	1	....	....	....	1	....
Peoria.....		90	1	....	1	....	....	1	....	....
Steam fitters.....	2	800	2	....	2	....	....	....	....	2
Chicago.....		400	1	....	1	....	....	....	....	1
..do.....		400	1	....	1	....	....	....	....	1
Street car employés.....	5	5,125	5	....	4	....	1	....	5	....
Belleville.....		150	1	....	....	....	1	....	1	....
Chicago.....		275	1	....	1	....	....	....	1	....
..do.....		300	1	....	1	....	....	....	1	....
..do.....		400	1	....	1	....	....	....	1	....
..do.....		4,000	1	....	1	....	....	....	1	....
Team drivers.....	14	15,718	11	2	7	....	....	....	5	3
Pekin.....		46	1	....	1	....	....	....	1	....
Mt. Olive.....		8	....	....	....	....	....	....	....	....
Pinckneyville.....		23	....	1	....	....	....	....	....	....
Joliet.....		50	....	1	....	....	....	....	....	....
Centralia.....		32	1	....	....	....	....	....	....	....
Lebanon.....		39	....	....	....	....	....	....	....	....
Chicago.....		720	1	....	1	....	....	....	....	1
..do.....		900	1	....	1	....	....	....	....	1
..do.....		1,400	1	....	....	....	....	....	....	....
..do.....		600	1	....	1	....	....	....	1	....
..do.....		6,000	1	....	1	....	....	....	....	1
..do.....		4,000	1	....	1	....	....	....	1	....
..do.....		900	1	....	1	....	....	....	1	....
..do.....		1,000	1	....	1	....	....	....	1	....
Vessel unloaders.....	6	6,119	1	5	....	....	....	....	....	1
Chicago.....		340	....	1	....	....	....	....	....	....
..do.....		4,000	....	1	....	....	....	....	....	....
..do.....		520	....	1	....	....	....	....	....	1
..do.....		45	....	1	....	....	....	....	....	....
..do.....		104	....	1	....	....	....	....	....	....
..do.....		110	....	1	....	....	....	....	....	....
Wood block pavers.....	3	411	2	....	2	....	....	....	2	....
Chicago.....		101	1	....	1	....	....	....	1	....
..do.....		240	1	....	1	....	....	....	....	....
..do.....		70	....	....	....	....	....	....	....	....

Table No. 15—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EMPLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.		Committee of association.	
			Yes.	No.	Local.	International.	Both.	Individual.		Firm.
Wood workers.....	15	2,928	12	2	11	.....	.....	.....	1	10
Rock Falls.....		22	.....	1	.....	.....	.....	.....	.....	.....
East St. Louis.....		60	.....	1	.....	.....	.....	.....	.....	.....
Chicago.....		240	1	.....	1	.....	.....	.....	.....	1
..do.....		410	.....	.....	.....	.....	.....	.....	.....	.....
..do.....		845	1	.....	1	.....	.....	.....	.....	1
..do.....		853	1	.....	1	.....	.....	.....	.....	1
..do.....		390	1	.....	1	.....	.....	.....	.....	1
..do.....		500	1	.....	1	.....	.....	.....	.....	1
..do.....		53	1	.....	1	.....	.....	.....	.....	1
..do.....		80	1	.....	1	.....	.....	.....	.....	1
..do.....		80	1	.....	1	.....	.....	.....	.....	1
..do.....		80	1	.....	1	.....	.....	.....	.....	1
..do.....		100	1	.....	1	.....	.....	.....	.....	1
..do.....		38	.....	.....	.....	.....	.....	.....	.....	.....
..do.....		125	1	.....	1	.....	.....	.....	1	.....
MISCELLANEOUS.....	27	6,112	20	7	18	1	.....	.....	14	5
Bill posters.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		120	1	.....	.....	.....	.....	.....	.....	.....
Box makers and sawyers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		500	1	.....	1	.....	.....	.....	1	.....
Brush makers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		85	1	.....	1	.....	.....	.....	1	.....
Chandeller makers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		87	1	.....	1	.....	.....	.....	1	.....
Cloth hat and cap makers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		125	.....	1	.....	.....	.....	.....	.....	.....
Drainage layers and helpers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		25	1	.....	1	.....	.....	.....	.....	1
Egg inspectors.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		225	1	.....	1	.....	.....	.....	1	.....
Felt hatters.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		60	1	.....	1	.....	.....	.....	1	.....
Glove makers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		285	1	.....	1	.....	.....	.....	1	.....
Gold beaters.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		64	.....	1	.....	.....	.....	.....	.....	.....
Granite cutters.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		51	.....	1	.....	.....	.....	.....	.....	.....
Horse nail makers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		678	1	.....	1	.....	.....	.....	1	.....
Horse shoers.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....		611	.....	1	.....	.....	.....	.....	.....	.....

Table No. 15—Concluded.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNIONS WITH EM- PLOYER.	HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.			
				Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Miscellaneous—Concluded.										
Laundry workers.....	1	10	1		1					1
Litchfield.....										
Mattress makers.....	1	330	1		1					1
Chicago.....										
Parquet floor workers.....	1	120	1		1					1
Chicago.....										
Pattern makers.....	1	300	1		1					1
Chicago.....										
Photo engravers.....	1	366	1		1					1
Chicago.....										
Railroad telegraphers.....	1	489		1						
Roscoe.....										
Rubber workers.....	1	307		1						
Chicago.....										
Stone cutters.....	1	300	1		1					1
Chicago.....										
Stone derrickmen.....	1	120	1		1					1
Chicago.....										
Stone planers.....	1	61	1		1					1
Chicago.....										
Theatrical stage employés.....	1	251	1		1					1
Chicago.....										
Traveling salesmen.....	1	373	1		1					1
Chicago.....										
Watch case engravers.....	1	20		1						
Chicago.....										
Type foundries.....	1	120	1			1				1
Chicago.....										

In this table is set forth full particulars of the agreements of unions with employers as to hours of labor and wages of the workmen.

Table 16 follows being a recapitulation of Table 15, this is by trades and industries, and brings the features of the agreements more prominently into view:

TABLE No. 16—*Recapitulation of Table No. 15.*

INDUSTRY AND TRADES.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.							
			UNION— WITH EM- PLOYER.		HOW SIGNED BY UNION.		HOW SIGNED BY EMPLOYER.			
			Yes.	No.	Local.	International.	Both.	Individual.	Firm.	Committee of association.
Totals.....	592	140,723	498	82	371	102	16	50	282	193
Bakers and confectioners.....	7	1,368	6	1	5	.....	1	1	5	.....
Barbers.....	7	224	7	.....	6	.....	1	4	3	.....
Blacksmiths.....	4	524	.....	3	.....	.....	.....	.....	.....	.....
Boot and shoe makers.....	2	814	1	1	1	.....	.....	.....	1	.....
Brass workers.....	2	507	2	.....	2	.....	.....	.....	2	.....
Brewers and malsters.....	7	1,289	5	.....	2	.....	3	1	3	1
Brickmakers.....	4	153	3	1	2	1	.....	2	1	.....
Brick, tile and terra cotta.....	29	2,305	29	.....	29	.....	.....	2	27	.....
Broommakers.....	2	93	2	.....	2	.....	.....	.....	2	.....
Building trades.....	96	30,728	81	14	60	.....	.....	20	27	23
Bricklayers.....	11	2,500	6	5	5	.....	.....	1	4	1
Carpenters and joiners.....	47	14,580	42	5	42	.....	.....	9	13	20
Gravel roofing.....	1	315	1	.....	1	.....	.....	.....	1	.....
Hod carriers.....	4	6,315	4	.....	4	.....	.....	.....	.....	4
Lathers.....	3	514	2	1	3	.....	.....	.....	.....	.....
Painters.....	21	4,061	20	1	20	.....	.....	7	5	6
Plasterers.....	4	497	3	1	2	.....	.....	.....	1	1
Plumbers.....	4	990	3	1	4	.....	.....	1	.....	2
Butchers and meat cutters.....	10	3,800	10	.....	10	.....	.....	.....	10	.....
Cigar makers.....	23	2,699	21	2	19	.....	.....	2	17	.....
Clerical trades.....	30	2,764	26	4	24	.....	1	1	22	1
Hotel, etc., waiters.....	3	194	2	1	1	.....	.....	.....	.....	1
Postoffice clerks.....	1	230	.....	1	.....	.....	.....	.....	.....	.....
Railway clerks.....	1	640	1	.....	.....	.....	.....	.....	.....	.....
Retail clerks.....	25	1,708	22	2	22	.....	1	1	22	.....
Coopers.....	7	886	3	4	3	.....	.....	1	2	.....
Electrical workers.....	4	1,082	2	2	2	.....	.....	.....	2	.....
Elevator constructors.....	2	805	1	1	1	.....	.....	.....	1	.....
Garment workers.....	32	7,425	30	2	29	.....	2	1	10	19
Cutters.....	1	200	.....	1	.....	.....	.....	.....	.....	.....
Garment makers.....	4	723	3	1	4	.....	.....	.....	2	1
Garment workers, special order	19	5,550	19	.....	19	.....	.....	.....	.....	18
Tailors.....	8	937	8	.....	6	.....	3	1	7	.....
Glass blowers.....	6	1,464	6	.....	2	3	1	.....	3	3
Holisting engineers.....	15	426	15	.....	.....	15	.....	.....	.....	15
Iron trades.....	39	7,648	27	12	24	2	1	2	22	2
Architectural workers.....	7	1,030	7	.....	7	.....	.....	.....	6	1
Boilermakers.....	8	1,130	.....	8	.....	.....	.....	.....	.....	.....
Bridge workers, structural.....	1	1,104	1	.....	.....	.....	.....	.....	.....	.....
Iron molders.....	12	3,220	10	2	8	1	1	.....	10	.....
Iron, tin and steel workers.....	2	115	2	.....	2	.....	.....	1	1	.....
Metal polishers.....	2	233	1	1	1	.....	.....	.....	1	.....
Sheet metal workers.....	4	401	4	.....	4	.....	.....	1	2	1

Table No. 16—Concluded.

INDUSTRY AND TRADES.	Number of unions.	Membership 1901.	AGREEMENTS, HOURS, WAGES, ETC.								
			UNION WITH EMPLOYER.	HOW SIGNED BY UNION.			HOW SIGNED BY EMPLOYER.			Committee of association.	
				Yes.	No.	Local.	International.	Both.	Individual.		Firm.
Iron Trades— <i>Concluded.</i>											
Stove mounters	2	70	1	1	.....	1	.....	.....	.....	1	.....
United metal workers	1	225	1	.....	.....	1	.....	.....	.....	1	.....
Leather workers	2	519	1	1	1	.....	.....	.....	.....	1	.....
Letter carriers	6	1,360	.....	6	.....	.....	.....	.....	.....	.....	.....
Machinists	23	3,555	18	5	18	.....	.....	.....	.....	17	1
Miners (U. M. W. A.)	61	9,923	61	.....	.....	.....	61	.....	.....	.....	61
Musicians	3	2,148	1	2	1	.....	.....	1	.....	.....	.....
Printing trades	26	6,352	22	1	16	1	5	2	14	6	.....
Pressmen	14	5,847	12	1	7	1	4	1	7	4	.....
Stereotypers	1	120	1	.....	1	.....	.....	.....	.....	1	.....
Typographical	10	365	9	.....	8	.....	1	1	7	1	.....
Railroad employees	68	10,319	61	2	43	18	.....	6	27	26	.....
Conductors	12	1,236	11	1	10	1	.....	5	6	.....	.....
Engineers	17	935	16	1	16	.....	.....	.....	16	.....	.....
Firemen	17	1,457	17	.....	1	16	.....	1	2	14	.....
Freight handlers	5	4,162	5	.....	5	.....	.....	.....	.....	5	.....
Switchmen	7	1,189	2	.....	2	.....	.....	.....	.....	.....	.....
Trainmen	10	1,336	10	.....	9	1	.....	.....	1	9	.....
Stationery firemen	2	300	2	.....	2	.....	.....	.....	1	1	.....
Steam engineers	23	2,115	23	1	23	.....	.....	1	.....	.....	.....
Steam fitters	2	500	2	.....	2	.....	.....	.....	.....	.....	.....
Street car employes	6	5,126	6	.....	4	.....	1	.....	5	.....	.....
Team drivers	14	15,718	11	3	7	.....	.....	.....	5	3	.....
Vessel unloaders	6	5,119	1	6	1	.....	.....	.....	.....	1	.....
Wood block pavers	2	411	.....	2	.....	.....	.....	.....	.....	.....	.....
Wood workers	15	3,935	13	2	11	.....	.....	.....	1	10	.....
Miscellaneous	27	6,113	20	7	18	1	.....	.....	14	5	.....
Bill posters and billers	1	180	1	.....	.....	.....	.....	.....	.....	.....	.....
Boxmaking and sawing	1	500	1	.....	1	.....	.....	.....	.....	1	.....
Brushmakers	1	86	1	.....	.....	.....	.....	.....	.....	1	.....
Chandeller makers	1	87	1	.....	1	.....	.....	.....	.....	1	.....
Cloth hat and cap makers	1	125	.....	1	.....	.....	.....	.....	.....	.....	.....
Drainage layers and helpers	1	25	1	.....	1	.....	.....	.....	.....	1	.....
Egg inspectors	1	235	1	.....	1	.....	.....	.....	.....	1	.....
Felt hatters	1	60	1	.....	1	.....	.....	.....	.....	1	.....
Gloves makers	1	295	1	.....	1	.....	.....	.....	.....	1	.....
Gold beaters	1	64	.....	1	.....	.....	.....	.....	.....	.....	.....
Granite cutters	1	51	.....	1	.....	.....	.....	.....	.....	.....	.....
Horse nail workers	1	678	1	.....	1	.....	.....	.....	.....	1	.....
Horseshoers	1	611	.....	1	.....	.....	.....	.....	.....	.....	.....
Laundry workers	1	10	1	.....	1	.....	.....	.....	.....	1	.....
Mattress makers	1	330	1	.....	1	.....	.....	.....	.....	1	.....
Parquet floor makers	1	120	1	.....	1	.....	.....	.....	.....	1	.....
Pattern makers	1	300	1	.....	1	.....	.....	.....	.....	1	.....
Photo engravers	1	366	1	.....	1	.....	.....	.....	.....	1	.....
Railroad telegraphers	1	489	.....	1	.....	.....	.....	.....	.....	1	.....
Rubber workers	1	307	.....	1	.....	.....	.....	.....	.....	.....	.....
Stonecutters	1	300	1	.....	1	.....	.....	.....	.....	.....	.....
Stone derrickmen	1	120	1	.....	1	.....	.....	.....	.....	1	.....
Stone planers	1	61	1	.....	1	.....	.....	.....	.....	1	.....
Theatrical stage employes	1	251	1	.....	1	.....	.....	.....	.....	1	.....
Traveling salesmen	1	373	1	.....	1	.....	.....	.....	.....	1	.....
Watch case engravers	1	20	.....	1	.....	.....	.....	.....	.....	.....	.....
Type foundries	1	120	1	.....	.....	1	.....	.....	.....	.....	.....

It will be seen that, of the 592 unions having 140,733 members in 1901, 580 unions report on the matter of agreements. Of these unions 498 or 85.86 per cent show the existence of agreements and represent 125,239 or 88.99 per cent of the total membership.

The reading of Table 15 will reveal the unions and membership reported as having no agreements. In the columns of Table 16 showing how agreements are signed or executed, it will be seen that 489 unions reported, of this number 371 or 75.87 per cent report the contract signed by the local unions, 102 or 20.86 per cent by the international and 16 or 3.27 per cent by both local and international. The three last columns of this table show how agreements are signed by employers, 50 or 9.52 per cent were signed by the employers as individuals; 282 or 53.72 by firms and 193 or 36.76 per cent by committees of employers.

The following table presents the record of the unions regarding their connection with a central body, also those having a parent body either national or international; and those affiliated with the parent body; the federation to which the unions belong and through what body affiliation is obtained:

TABLE No. 17—*Membership 1901—Affiliation, Etc.*

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY. WHICH—		AFFILIATIONS LOCALLY—						
			Yes.	No.	National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH		
							Yes.	No.	American.	State.	Both.	National.	International.
Totals.....	592	140,733	406	181	138	412	486	2	445	58	58	115	360
Bakers and confectioners..	7	1,368	7	....	....	7	7	....	7	1	1	....	7
East St. Louis.....	45	1	....	....	1	1	....	1	1	1	....	1
Belleville.....	16	1	....	....	1	1	....	1	....	....	....	1
Alton.....	12	1	....	....	1	1	....	1	....	....	....	1
Chicago.....	600	1	....	....	1	1	....	1	....	....	....	1
..do.....	1	....	....	1	1	....	1	....	....	....	1
..do.....	525	1	....	....	1	1	....	1	....	....	....	1
..do.....	170	1	....	....	1	1	....	1	....	....	....	1
Barbers.....	7	234	7	....	....	7	7	....	7	....	....	....	7
Elgin.....	32	1	....	....	1	1	....	1	....	....	....	1
Taylorville.....	35	1	....	....	1	1	....	1	....	....	....	1
Decatur.....	41	1	....	....	1	1	....	1	....	....	....	1
Carlinville.....	8	1	....	....	1	1	....	1	....	....	....	1
Pontiac.....	15	1	....	....	1	1	....	1	....	....	....	1
Aurora.....	29	1	....	....	1	1	....	1	....	....	....	1
Peoria.....	74	1	....	....	1	1	....	1	....	....	....	1

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—							
						WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH			
			Yes.	No.	National.	International.	Yes.	No.	American.	State.	Both.	National.	International.
Blacksmiths.....	4	524	2	1	....	4	4	....	4	....	....	....	4
Chicago.....		281	1	....	....	1	1	....	1	....	....	....	1
..do.....		197	1	....	....	1	1	....	1	....	....	....	1
..do.....		46	....	1	....	1	1	....	1	....	....	....	1
..do.....		....	....	....	....	1	1	....	1	....	....	....	1
Boot and shoe makers.....	2	814	2	....	....	2	2	....	2	....	....	....	2
Dixon.....		114	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		700	1	....	....	1	1	....	1	....	....	....	1
Brass workers.....	2	507	2	....	....	2	2	....	2	....	....	....	2
Pullman.....		250	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		257	1	....	....	1	1	....	1	....	....	....	1
Brewers and malsters.....	7	1,299	5	1	6	....	6	....	6	1	1	6	....
LaSalle.....		42	1	....	1	....	1	....	1	....	....	1	....
Mendota.....		6	....	....	....	....	....	....	....	....	....	....	....
Quincy.....		27	1	....	1	....	1	....	1	1	1	1	....
New Athens.....		9	....	1	1	....	1	....	1	....	....	1	....
Chicago.....		745	1	....	1	....	1	....	1	....	....	1	....
..do.....		240	1	....	1	....	1	....	1	....	....	1	....
..do.....		120	1	....	1	....	1	....	1	....	....	1	....
Brick makers.....	4	155	4	....	....	4	4	....	4	1	1	....	4
Streator.....		62	1	....	....	1	1	....	1	....	....	....	1
Pekin.....		10	1	....	....	1	1	....	1	....	....	....	1
Kewanee.....		20	1	....	....	1	1	....	1	....	....	....	1
Shermerville.....		64	1	....	....	1	1	....	1	1	1	....	1
Brick, tile and terra cotta ..	29	2,805	26	3	....	29	29	....	29	....	....	....	29
Streator.....		....	1	....	....	1	1	....	1	....	....	....	1
Pullman.....		70	1	....	....	1	1	....	1	....	....	....	1
Bernice.....		59	1	....	....	1	1	....	1	....	....	....	1
Blue Island.....		250	1	....	....	1	1	....	1	....	....	....	1
Dalton.....		105	1	....	....	1	1	....	1	....	....	....	1
Kensington.....		72	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		252	1	....	....	1	1	....	1	....	....	....	1
Belleville.....		70	1	....	....	1	1	....	1	....	....	....	1
Collinsville.....		20	1	....	....	1	1	....	1	....	....	....	1
Springfield.....		200	1	....	....	1	1	....	1	....	....	....	1
Peoria.....		100	1	....	....	1	1	....	1	....	....	....	1
Edwardsville.....		28	1	....	....	1	1	....	1	....	....	....	1
Streator.....		60	1	....	....	1	1	....	1	....	....	....	1
Kewanee.....		33	1	....	....	1	1	....	1	....	....	....	1
Pekin.....		17	1	....	....	1	1	....	1	....	....	....	1
Streator.....		42	1	....	....	1	1	....	1	....	....	....	1
Griffin.....		34	....	1	....	1	1	....	1	....	....	....	1
East Peoria.....		35	....	1	....	1	1	....	1	....	....	....	1
Chicago.....		100	1	....	....	1	1	....	1	....	....	....	1
Evanston.....		150	1	....	....	1	1	....	1	....	....	....	1
Shermerville.....		60	1	....	....	1	1	....	1	....	....	....	1
Blue Island.....		60	1	....	....	1	1	....	1	....	....	....	1
Glen Carbon.....		90	1	....	....	1	1	....	1	....	....	....	1
Quincy.....		50	1	....	....	1	1	....	1	....	....	....	1
Randall.....		120	1	....	....	1	1	....	1	....	....	....	1
Streator.....		45	1	....	....	1	1	....	1	....	....	....	1
Jacksonville.....		42	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		63	1	....	....	1	1	....	1	....	....	....	1
..do.....		78	....	1	....	1	1	....	1	....	....	....	1

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—								
			Yes.	No.		National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH		
								Yes.	No.	American.	State.		Both.	National.	International.
Broom makers.....	2	93	2	....	....	2	2	....	2	....	....	....	....	2
Aurora.....		5	1	....	....	1	1	....	1	....	....	....	....	1
Chicago.....		88	1	....	....	1	1	....	1	....	....	....	....	1
BUILDING TRADES.....	95	30,728	71	23	....	87	87	....	72	5	5	....	....	72
Bricklayers.....	11	3,500	4	7	....	11	11	....	1	1	1	....	....
Quincy.....		36	....	1	....	1	1	....	....	....	....	....	....
East St. Louis.....		60	....	1	....	1	1	....	....	....	....	....	....
LaSalle.....		44	1	....	....	1	1	....	1	....	....	....	....
Decatur.....		27	....	1	....	1	1	....	....	....	....	....	....
Rock Island.....		61	....	1	....	1	1	....	....	....	....	....	....
Pontiac.....		17	1	....	....	1	1	....	....	1	1	....	....
Highwood.....		38	....	1	....	1	1	....	....	....	....	....	....
Bloomington.....		30	1	....	....	1	1	....	....	....	....	....	....
Springfield.....		50	1	....	....	1	1	....	....	....	....	....	....
Chicago.....		3,100	....	1	....	1	1	....	....	....	....	....	....
Belleville.....		37	....	1	....	1	1	....	....	....	....	....	....
Carpenters and joiners.....	47	14,530	41	5	....	45	45	....	42	3	3	....	....	45
Murphysboro.....		65	....	1	....	1	1	....	1	....	....	....	....	1
Madison.....		111	1	....	....	1	1	....	1	....	....	....	....	1
Mascoutah.....		13	1	....	....	1	1	....	1	....	....	....	....	1
East St. Louis.....		178	1	....	....	1	1	....	....	1	1	....	....	1
Collinsville.....		55	1	....	....	1	1	....	1	....	....	....	....	1
Pekin.....		73	1	....	....	1	1	....	1	....	....	....	....	1
Chillicothe.....		15	1	....	....	1	1	....	1	1	1	....	....	1
Ottawa.....		67	1	....	....	1	1	....	....	....	....	....	....	1
New Baden.....		21	1	....	....	1	1	....	1	....	....	....	....	1
Kewanee.....		65	1	....	....	1	1	....	1	....	....	....	....	1
Bloomington.....		167	1	....	....	1	1	....	1	....	....	....	....	1
Herrin.....		50	1	....	....	1	1	....	1	....	....	....	....	1
Centralla.....		70	1	....	....	1	1	....	1	....	....	....	....	1
Salem.....		15	1	....	....	1	1	....	1	....	....	....	....	1
Marissa.....		26	....	1	....	1	1	....	1	....	....	....	....	1
Peru.....		43	1	....	....	1	1	....	....	1	1	....	....	1
Rockford.....		143	1	....	....	1	1	....	1	....	....	....	....	1
Toluca.....		24	....	1	....	1	1	....	1	....	....	....	....	1
Moline.....		129	....	1	....	1	1	....	1	....	....	....	....	1
Elgin.....		50	1	....	....	1	1	....	1	....	....	....	....	1
Spring Valley.....		30	1	....	....	1	1	....	1	....	....	....	....	1
Belleville.....		112	1	....	....	1	1	....	1	....	....	....	....	1
East St. Louis.....		325	1	....	....	1	1	....	1	....	....	....	....	1
Alton.....		119	1	....	....	1	1	....	1	....	....	....	....	1
Oakland.....		119	....	....	....	....	....	....	....	....	....	....	....
Evanston.....		52	....	....	....	....	....	....	....	....	....	....	....
Chicago.....		128	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		5,700	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		137	1	....	....	1	1	....	1	....	....	....	....	1
Austin.....		126	1	....	....	1	1	....	1	....	....	....	....	1
Chicago.....		52	1	....	....	1	1	....	1	....	....	....	....	1
Pullman.....		61	....	1	....	1	1	....	1	....	....	....	....	1
Chicago.....		277	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		361	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		242	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		342	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		690	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		130	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		244	1	....	....	1	1	....	1	....	....	....	....	1
..do.....		85	1	....	....	1	1	....	1	....	....	....	....	1

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—								
			Yes.	No.		National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH		
								Yes.	No.	American.	State.		Both.	National.	International.
Carpenters, joiners— <i>Con'd.</i>														
Chicago.....		682	1			1	1		1					1
..do.....		602	1			1	1		1					1
..do.....		228	1			1	1		1					1
..do.....		120	1			1	1		1					1
..do.....		220	1			1	1		1					1
..do.....		217	1			1	1		1					1
..do.....		1,024	1			1	1		1					1
Gravel roofers.....	1	315		1										
Chicago.....		315		1										
Hod carriers.....	4	6,315		4		4	4		4					4
Chicago.....		2,990		1		1	1		1					1
..do.....		885		1		1	1		1					1
..do.....		2,300		1		1	1		1					1
..do.....		800		1		1	1		1					1
Lathers.....	3	514	1	2		2	2		1					2
Joliet.....		15		1		1	1							1
Chicago.....		492		1		1	1							1
Bloomington.....		7	1			1	1		1					1
Painters.....	21	4,061	21			21	21		20	1	1			21
Peoria.....		187	1			1	1		1					1
Elgin.....		60	1			1	1		1					1
Decatur.....		60	1			1	1		1					1
Streator.....		52	1			1	1		1					1
Ottawa.....		19	1			1	1		1					1
Kankakee.....		23	1			1	1		1					1
Joliet.....		54	1			1	1		1					1
Chicago.....		105	1			1	1		1					1
..do.....		712	1			1	1		1					1
..do.....		420	1			1	1		1					1
..do.....		95	1			1	1		1					1
..do.....		316	1			1	1		1					1
..do.....		980	1			1	1		1					1
..do.....		65	1			1	1		1					1
..do.....		60	1			1	1		1	1	1			1
..do.....		370	1			1	1		1					1
Evanston.....		150	1			1	1		1					1
Chicago.....		150	1			1	1		1					1
..do.....		141	1			1	1		1					1
Belleville.....		37	1			1	1		1					1
Chicago.....		75	1			1	1		1					1
Plasterers.....	4	497	2	2		4	4		4					4
Bloomington.....		16		1		1	1		1					1
Joliet.....		12		1		1	1		1					1
Streator.....		19	1			1	1		1					1
Chicago.....		450	1			1	1		1					1
Plumbers.....	4	990	2	2		4	4		4					4
Champaign.....		9		1		1	1		1					1
Chicago.....		154	1			1	1		1					1
..do.....		800	1			1	1		1					1
Peoria.....		27		1		1	1		1					1

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—							
						WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH			
			Yes.	No.		National.	International.	Yes.	No.	American.	State.	Both.	National.	International.
Butchers and Meat Outters.	10	2,800	10	.....		10	10	.....	10	.....	.....	.....	10
Chicago		250	1	.....		1	1	.....	1	.....	.....	.....	1
..do		300	1	.....		1	1	.....	1	.....	.....	.....	1
..do		500	1	.....		1	1	.....	1	.....	.....	.....	1
..do		150	1	.....		1	1	.....	1	.....	.....	.....	1
..do		250	1	.....		1	1	.....	1	.....	.....	.....	1
..do		250	1	.....		1	1	.....	1	.....	.....	.....	1
..do		650	1	.....		1	1	.....	1	.....	.....	.....	1
..do		250	1	.....		1	1	.....	1	.....	.....	.....	1
..do		800	1	.....		1	1	.....	1	.....	.....	.....	1
..do		100	1	.....		1	1	.....	1	.....	.....	.....	1
Cigar Makers.....	23	2,699	20	3	.....	23	23	.....	20	3	3	.....	23
Belvidere		34	.....	1	.....	1	1	.....	1	.....	.....	.....	1
Alton		47	1	.....		1	1	.....	1	.....	.....	.....	1
Kewanee		39	1	.....		1	1	.....	1	1	.....	.....	1
Centralia		16	1	.....		1	1	.....	1	.....	.....	.....	1
Chicago		35	1	.....		1	1	.....	1	.....	.....	.....	1
Kankakee		9	1	.....		1	1	.....	1	.....	.....	.....	1
Streator		34	1	.....		1	1	.....	1	.....	.....	.....	1
Canton		61	1	.....		1	1	.....	1	.....	.....	.....	1
Murphysboro		12	1	.....		1	1	.....	1	.....	.....	.....	1
Springfield		92	1	.....		1	1	.....	1	1	.....	.....	1
Ottawa		52	1	.....		1	1	.....	1	.....	.....	.....	1
Danville		52	1	.....		1	1	.....	1	1	.....	.....	1
Chicago		43	.....	1	.....	1	1	.....	1	1	.....	.....	1
..do		172	1	.....		1	1	.....	1	.....	.....	.....	1
..do		27	.....	1	.....	1	1	.....	1	.....	.....	.....	1
..do		1,601	1	.....		1	1	.....	1	.....	.....	.....	1
Pekin		34	1	.....		1	1	.....	1	.....	.....	.....	1
Peoria		112	1	.....		1	1	.....	1	.....	.....	.....	1
Havana		13	1	.....		1	1	.....	1	.....	.....	.....	1
Blue Island		28	1	.....		1	1	.....	1	.....	.....	.....	1
Chicago		28	1	.....		1	1	.....	1	.....	.....	.....	1
Decatur		98	1	.....		1	1	.....	1	.....	.....	.....	1
Bloomington		63	1	.....		1	1	.....	1	.....	.....	.....	1
CLERICAL TRADES.....	30	2,764	30	.....		27	27	1	26	.....	2	.....	27
Hotel, Etc., waiters.....	3	196	3	.....		2	2	1	2	.....	.....	.....	2
Duquoin		15	1	.....		1	1	.....	1	.....	.....	.....	1
Murphysboro		31	1	.....		1	1	.....	1	.....	.....	.....	1
Chicago		150	1	.....		.....	1	.....	.....	.....	.....	.....	.....
Postoffice clerks	1	220	1	.....		.....	.....	1	.....	.....	.....	.....	.....
Chicago		220	1	.....		.....	.....	1	.....	.....	.....	.....	.....
Railway clerks.....	1	640	1	.....		.....	.....	.....	.....	.....	.....	.....	.....
Chicago		640	1	.....		.....	.....	.....	.....	.....	.....	.....	.....
Retail clerks.....	25	1,708	25	.....		25	25	.....	23	2	2	.....	25
Centralia		56	1	.....		1	1	.....	1	.....	.....	.....	1
Kewanee		60	1	.....		1	1	.....	1	1	.....	.....	1
Murphysboro		59	1	.....		1	1	.....	1	.....	.....	.....	1
Alton		66	1	.....		1	1	.....	1	.....	.....	.....	1
Aurora		18	1	.....		1	1	.....	1	1	.....	.....	1
Joliet		50	1	.....		1	1	.....	1	.....	.....	.....	1

Table No. 17--Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—		AFFILIATIONS LOCALLY—							
							WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH			
			Yes.	No.	National.	International.	Yes.	No.	American.	State.	Both.	National.	International.	
Retail clerks—Concluded.														
LaSalle		100	1			1	1		1					1
Chicago		80	1			1	1		1					1
..do		45	1			1	1		1					1
..do		179	1			1	1		1					1
..do		60	1			1	1		1					1
..do		50	1			1	1		1					1
..do		50	1			1	1		1					1
..do		70	1			1	1		1					1
..do		60	1			1	1		1					1
..do		70	1			1	1		1					1
..do		50	1			1	1		1					1
..do		76	1			1	1		1					1
..do		76	1			1	1		1					1
..do		50	1			1	1		1					1
..do		74	1			1	1		1					1
..do		57	1			1	1		1					1
..do		55	1			1	1		1					1
..do		40	1			1	1		1					1
..do		125	1			1	1		1					1
..do		32	1			1	1		1					1
Coopers	7	896	7			7	7		6	1	1			7
Alton		21	1			1	1		1					1
East St. Louis		40	1			1	1		1					1
Peoria		196	1			1	1			1	1			1
Chicago		260	1			1	1		1					1
..do		47	1			1	1		1					1
..do		200	1			1	1		1					1
..do		102	1			1	1		1					1
Electrical workers	4	1,083	3	1		3	3		1	2	2			3
Chicago		360	1			1	1			1	1			1
..do		480	1			1	1				1	1		1
..do		82	1											
..do		161		1		1	1		1					1
Elevator constructors	2	806	1		2		2		2				2	
Chicago		206	1		1		1		1				1	
..do		600			1		1		1				1	
GARMENT WORKERS	32	7,435	23		32		32		18		19	23		8
Cutters	1													
Chicago		200	1		1		1		1					
Garment makers	4	728	4		4		4		4				4	
Springfield		22	1		1		1		1				1	
Rockford		81	1		1		1		1				1	
Chicago		200	1		1		1		1				1	
..do		435	1		1		1		1				1	

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—						
			Yes.	No.		National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH
								Yes.	No.	American.	State.		Both.	National.	International.
Garment workers, ap'l order	19	5,550	19	....	19	....	19	....	19	19	19	....
Chicago		150	1	....	1	....	1	....	1	1	1	....
do		50	1	....	1	....	1	....	1	1	1	....
do		25	1	....	1	....	1	....	1	1	1	....
do		250	1	....	1	....	1	....	1	1	1	....
do		25	1	....	1	....	1	....	1	1	1	....
do		300	1	....	1	....	1	....	1	1	1	....
do		100	1	....	1	....	1	....	1	1	1	....
do		200	1	....	1	....	1	....	1	1	1	....
do		350	1	....	1	....	1	....	1	1	1	....
do		300	1	....	1	....	1	....	1	1	1	....
do		200	1	....	1	....	1	....	1	1	1	....
do		300	1	....	1	....	1	....	1	1	1	....
do		900	1	....	1	....	1	....	1	1	1	....
do		150	1	....	1	....	1	....	1	1	1	....
do		1,000	1	....	1	....	1	....	1	1	1	....
do		700	1	....	1	....	1	....	1	1	1	....
do		250	1	....	1	....	1	....	1	1	1	....
do		200	1	....	1	....	1	....	1	1	1	....
do		100	1	....	1	....	1	....	1	1	1	....
Tailors	8	937	8	....	8	....	8	....	8	....	8	....
Champaign		20	1	....	1	....	1	....	1	....	1	....
Belleville		13	1	....	1	....	1	....	1	....	1	....
Alton		15	1	....	1	....	1	....	1	....	1	....
Springfield		46	1	....	1	....	1	....	1	....	1	....
Elgin		28	1	....	1	....	1	....	1	....	1	....
Danville		15	1	....	1	....	1	....	1	....	1	....
Peoria		36	1	....	1	....	1	....	1	....	1	....
Chicago		764	1	....	1	....	1	....	1	....	1	....
Glass blowers	6	1,464	5	1	1	4	6	....	4	2	2	....
Streator		340	1	....	1	....	1	....	1	....	1	....
Upper Alton		376	1	....	1	....	1	....	1	1	....	1
Alton		424	1	....	1	....	1	....	1	1	....	1
Belleville		168	1	....	1	....	1	....	1	....	1	....
East St. Louis		78	1	....	1	....	1	....	1	....	1	....
Chicago		78	1	....	1	....	1	....	1	....	1	....
Hoisting engineers	15	423	6	9	15	....	15	....	15	....	15	....
Sherrard		14	....	1	1	....	1	....	1	....	1	....
Farmington		30	....	1	1	....	1	....	1	....	1	....
Collinsville		37	1	....	1	....	1	....	1	....	1	....
Decatur		15	....	1	1	....	1	....	1	....	1	....
Murphysboro		14	1	....	1	....	1	....	1	....	1	....
Oglesby		12	1	....	1	....	1	....	1	....	1	....
Springfield		50	1	....	1	....	1	....	1	....	1	....
Athens		16	....	1	1	....	1	....	1	....	1	....
Coal City		36	....	1	1	....	1	....	1	....	1	....
Herrin		16	....	1	1	....	1	....	1	....	1	....
Streator		18	1	....	1	....	1	....	1	....	1	....
Marion		18	....	1	1	....	1	....	1	....	1	....
Wenona		12	....	1	1	....	1	....	1	....	1	....
Belleville		76	....	1	1	....	1	....	1	....	1	....
Chicago		62	1	....	1	....	1	....	1	....	1	....

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—							
						WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH			
			Yes.	No.		National.	International.	Yes.	No.	American.	State.	Both.	National.	International.
IRON TRADES.....	29	7,548	26	13	....	26	26	....	20	1	1	....	26
Architectural workers.....	7	1,030	7	....	....	7	7	....	7	....	....	....	7
Chicago.....		50	1	....	....	1	1	....	1	....	....	....	1
..do.....		226	1	....	....	1	1	....	1	....	....	....	1
..do.....		176	1	....	....	1	1	....	1	....	....	....	1
..do.....		75	1	....	....	1	1	....	1	....	....	....	1
Glencoe.....		120	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		175	1	....	....	1	1	....	1	....	....	....	1
..do.....		210	1	....	....	1	1	....	1	....	....	....	1
Bollermakers.....	8	1,120	8	....	....	8	8	....	8	....	....	....	8
Chicago.....		32	1	....	....	1	1	....	1	....	....	....	1
..do.....		21	1	....	....	1	1	....	1	....	....	....	1
..do.....		300	1	....	....	1	1	....	1	....	....	....	1
..do.....		500	1	....	....	1	1	....	1	....	....	....	1
..do.....		125	1	....	....	1	1	....	1	....	....	....	1
..do.....		22	1	....	....	1	1	....	1	....	....	....	1
..do.....		32	1	....	....	1	1	....	1	....	....	....	1
..do.....		86	1	....	....	1	1	....	1	....	....	....	1
Bridge workers, structural.	1												
Chicago.....		1,104	1	....	....	1	1	....	1	....	....	....	1
Iron molders.....	12	3,220	2	10	....	12	12	....	12	....	....	....	12
Freeport.....		62	....	1	....	1	1	....	1	....	....	....	1
Belleville.....		291	1	....	....	1	1	....	1	....	....	....	1
Rock Island.....		100	1	....	....	1	1	....	1	....	....	....	1
Toluca.....		61	....	1	....	1	1	....	1	....	....	....	1
Chicago.....		321	....	1	....	1	1	....	1	....	....	....	1
..do.....		625	....	1	....	1	1	....	1	....	....	....	1
..do.....		435	....	1	....	1	1	....	1	....	....	....	1
..do.....		375	....	1	....	1	1	....	1	....	....	....	1
Harvey.....		425	....	1	....	1	1	....	1	....	....	....	1
Chicago.....		380	....	1	....	1	1	....	1	....	....	....	1
..do.....		130	....	1	....	1	1	....	1	....	....	....	1
Pullman.....		74	....	1	....	1	1	....	1	....	....	....	1
Iron, tin, steel workers.....	2	115	1	1	....	2	2	....	2	....	....	....	2
Granite City.....		36	1	....	....	1	1	....	1	....	....	....	1
Joliet.....		79	....	1	....	1	1	....	1	....	....	....	1
Metal polishers.....	2	263	2	....	....	1	1	1	1	....	....	....	1
Belleville.....		26	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		237	1	....	....	....	....	1	....	....	....	....	....
Sheet metal workers.....	4	401	2	2	....	4	4	....	3	1	1	....	4
Elgin.....		15	1	....	....	1	1	....	....	1	1	....	1
Evanston.....		12	....	1	....	1	1	....	1	....	....	....	1
Quincy.....		32	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		342	....	1	....	1	1	....	1	....	....	....	1
Stove mounters.....	2	70	2	....	....	2	2	....	2	....	....	....	2
Aurora.....		20	1	....	....	1	1	....	1	....	....	....	1
Chicago.....		50	1	....	....	1	1	....	1	....	....	....	1

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership, 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY WHICH—		AFFILIATIONS LOCALLY—							
			Yes.	No.	National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH			
							Yes.	No.	American.	State.	Both.	National.	International.	
United metal workers	1													
Chicago		225	1			1	1		1					1
Leather workers	2	519	2			2	2		2					2
Quincy		60	1			1	1		1					1
Chicago		450	1			1	1		1					1
Letter carriers	6	1,369	1	1	5		5							
Streator		7	1		1		1							
Mattoon		5		1	1		1							
Peoria		22												
Chicago		125			1		1							
Belleville		10			1		1							
Chicago		1,300			1		1							
Machinists	23	2,555	21	2		23	23		20	3	3			23
Elgin		93	1			1	1			1	1			1
Aurora		140	1			1	1			1	1			1
Springfield		52	1			1	1			1	1			1
Belleville		41	1			1	1		1					1
Chicago		121	1			1	1		1					1
do		150	1			1	1		1					1
do		46	1			1	1		1					1
do		162	1			1	1		1					1
Maywood		116	1			1	1		1					1
Chicago		42	1			1	1		1					1
do		78	1			1	1		1					1
do		141	1			1	1		1					1
do		168	1			1	1		1					1
do		202	1			1	1		1					1
do		575	1			1	1		1					1
do		330	1			1	1		1					1
do		92	1			1	1		1					1
do		180	1			1	1		1					1
do		121	1			1	1		1					1
do		75	1			1	1		1					1
Bloomington		32		1		1	1		1					1
Chicago		480		1		1	1		1					1
do		200	1			1	1		1					1
Miners, coal	60	9,922	20	41	60		60		60	1	1	60		
Lake Creek		45	1		1		1		1			1		
Hallidayboro		280		1	1		1		1			1		
Birkner Station		80		1	1		1		1			1		
Herrin		100	1		1		1		1			1		
Morris		69		1	1		1		1			1		
Edwards		100		1	1		1		1			1		
Pawnee		184		1	1		1		1			1		
Flat		25		1	1		1		1			1		
Chenue		16		1	1		1		1			1		
Greenview		157		1	1		1		1			1		
Hanna City		45		1	1		1		1			1		
Kingston Mines		145		1	1		1		1			1		
Lensburg		58		1	1		1		1			1		
Spaulding		120		1	1		1		1			1		
Lincoln		45	1		1		1		1			1		
Auburn		287	1		1		1		1			1		
Ledford		140		1	1		1		1			1		
Girard		80		1	1		1		1			1		

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership, 1901.	BELONG TO ANY CENTRAL A BODY IN CITY.		HAS TRADE PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—								
						WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH				
			Yes.	No.	National.	International.	Yes.	No.	American.	State.	Both.	National.	International.	
Miners, coal—Concluded.														
Colchester.....		105		1	1		1		1				1	
Oglesby.....		14		1	1		1		1				1	
DeSoto.....		135	1		1		1		1				1	
Springfield.....		19		1	1		1		1				1	
New Baden.....		200	1		1		1		1				1	
Mt. Vernon.....		60	1		1		1		1				1	
Kangley.....		225		1	1		1		1				1	
Marion.....		50		1	1		1		1				1	
Spring Valley.....		620	1		1		1		1				1	
Bartonville.....		40	1		1		1		1				1	
Odin.....		200		1	1		1		1				1	
O'Fallon.....		192		1	1		1		1				1	
Cable.....		165		1	1		1		1				1	
Pekin.....		85	1		1		1		1				1	
Himrod.....		200	1		1		1		1				1	
Glen Carbon.....		425		1	1		1		1				1	
Preemption.....		26		1	1		1		1				1	
Georgetown.....		90		1	1		1		1				1	
Sorento.....		204		1	1		1		1				1	
Cartersville.....		275		1	1		1		1				1	
Rutland.....		225		1	1		1		1				1	
Toluca.....		150		1	1		1		1				1	
Astoria.....		140		1	1		1		1				1	
Springfield.....		165		1	1		1		1				1	
Sparland.....		28	1		1		1		1				1	
Sherrard.....		258	1		1		1		1				1	
Auburn.....		70	1		1		1		1				1	
Belleville.....		260		1	1		1		1		1		1	
do.....		200		1	1		1		1				1	
do.....		497	1		1		1		1				1	
O'Fallon.....		60		1	1		1		1				1	
St. David.....		125		1	1		1		1				1	
Duquoin.....		463	1		1		1		1				1	
Murphysboro.....		540	1		1		1		1				1	
Sparta.....		23		1	1		1		1				1	
do.....		160	1		1		1		1				1	
Caseyville.....		82		1	1		1		1				1	
Collinsville.....		712	1		1		1		1				1	
Freeburg.....		110		1	1		1		1				1	
Marissa.....		225		1	1		1		1				1	
Sparta.....		75	1		1		1		1				1	
Paisley.....		60		1	1		1		1				1	
Musicians.....	3	2,143	3		3		3		3		3		3	
Jacksonville.....		46	1		1		1		1				1	
Bloomington.....		52	1		1		1		1				1	
Chicago.....		2,050	1		1		1		1				1	
PRINTING TRADES.	25	6,352	23	1		23	23		21	3	3			24
Pressmen.....	14	5,847	14			14	14		11	3	3			14
Danville.....		40	1			1	1		1					1
Kewanee.....		10	1			1	1		1					1
Canton.....		15	1			1	1		1					1
Chicago.....		88	1			1	1		1					1
do.....		2,400	1			1	1		1					1
do.....		565	1			1	1			1	1			1

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY. WHICH—	AFFILIATIONS LOCALLY—					
						WITH PARENT BODY.		WITH WHAT FEDERA- TION.		THROUGH	
			Yes.	No.	National. International.	Yes.	No.	American. State.	Both.	National. International.	International.
Pressmen—Continued.											
Chicago.....		145	1	.....	1	1	.....	1	.....		1
..do.....		235	1	.....	1	1	.....	1	.....		1
..do.....		2,000	1	.....	1	1	.....	1	.....		1
Elgin.....		30	1	.....	1	1	.....	1	.....		1
Alton.....		20	1	.....	1	1	.....	1	.....		1
Chicago.....		85	1	.....	1	1	.....	1	.....		1
Chicago.....		95	1	.....	1	1	.....	1	.....		1
Peoria.....		92	1	.....	1	1	.....	1	.....		1
Stereotypers.....	1										
Chicago.....		120	.....	1	.....	1	.....	1	.....		1
Typographical.....	9	235	9	.....	9	9	.....	9	.....		9
Peru.....		17	1	.....	1	1	.....	1	.....		1
Decatur.....		33	1	.....	1	1	.....	1	.....		1
Elgin.....		28	1	.....	1	1	.....	1	.....		1
Bloomington.....		59	1	.....	1	1	.....	1	.....		1
Quincy.....		58	1	.....	1	1	.....	1	.....		1
Chicago.....		40	1	.....	1	1	.....	1	.....		1
..do.....		23	1	.....	1	1	.....	1	.....		1
..do.....		100	1	.....	1	1	.....	1	.....		1
Belleville.....		18	1	.....	1	1	.....	1	.....		1
RAILROAD EMPLOYEES.....	67	10,219	4	63	63	63	.....	4	.....	2	2
Conductors.....	12	1,268	.....	12	12	12	.....	.....	.....	.....	.....
Galesburg.....		38	.....	1	1	1	.....	.....	.....	.....	.....
Aurora.....		59	.....	1	1	1	.....	.....	.....	.....	.....
Rock Island.....		78	.....	1	1	1	.....	.....	.....	.....	.....
Peoria.....		63	.....	1	1	1	.....	.....	.....	.....	.....
Clinton.....		26	.....	1	1	1	.....	.....	.....	.....	.....
Alton.....		21	.....	1	1	1	.....	.....	.....	.....	.....
Chicago.....		124	.....	1	1	1	.....	.....	.....	.....	.....
Blue Island.....		275	.....	1	1	1	.....	.....	.....	.....	.....
Chicago.....		254	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		104	.....	1	1	1	.....	.....	.....	.....	.....
Mattoon.....		60	.....	1	1	1	.....	.....	.....	.....	.....
Peoria.....		64	.....	1	1	1	.....	.....	.....	.....	.....
Engineers.....	17	935	.....	17	17	17	.....	.....	.....	.....	.....
Clinton.....		55	.....	1	1	1	.....	.....	.....	.....	.....
Blue Island.....		37	.....	1	1	1	.....	.....	.....	.....	.....
Chicago.....		25	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		53	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		76	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		57	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		54	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		43	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		26	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		52	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		68	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		46	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		35	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		73	.....	1	1	1	.....	.....	.....	.....	.....
Murphysboro.....		63	.....	1	1	1	.....	.....	.....	.....	.....
Peoria.....		42	.....	1	1	1	.....	.....	.....	.....	.....
..do.....		52	.....	1	1	1	.....	.....	.....	.....	.....

Table No. 17—Continued.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—		AFFILIATIONS LOCALLY—						
			Yes.	No.	National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH		
							Yes.	No.	American.	State.	Both.	National.	International.
Firemen.....	17	1,457	.....	17	....	17	17	....	....	1	1	....	1
East St. Louis.....		60	.....	1	....	1	1	....	....	1	1	....	1
Savanna.....		58	.....	1	....	1	1	....	....	1	1	....	1
Chicago.....		25	.....	1	....	1	1	....	....	1	1	....	1
..do.....		25	.....	1	....	1	1	....	....	1	1	....	1
..do.....		60	.....	1	....	1	1	....	....	1	1	....	1
Blue Island.....		60	.....	1	....	1	1	....	....	1	1	....	1
Chicago.....		25	.....	1	....	1	1	....	....	1	1	....	1
..do.....		73	.....	1	....	1	1	....	....	1	1	....	1
..do.....		40	.....	1	....	1	1	....	....	1	1	....	1
..do.....		68	.....	1	....	1	1	....	....	1	1	....	1
..do.....		30	.....	1	....	1	1	....	....	1	1	....	1
..do.....		210	.....	1	....	1	1	....	....	1	1	....	1
..do.....		230	.....	1	....	1	1	....	....	1	1	....	1
..do.....		180	.....	1	....	1	1	....	....	1	1	....	1
..do.....		30	.....	1	....	1	1	....	....	1	1	....	1
..do.....		140	.....	1	....	1	1	....	....	1	1	....	1
Peoria.....		128	.....	1	....	1	1	....	....	1	1	....	1
Freight handlers.....	5	4,163	5	....	....	....	....	....	5	....	....	....	....
Chicago.....		837	1	....	....	....	....	....	1	....	....	....	....
..do.....		765	1	....	....	....	....	....	1	....	....	....	....
..do.....		346	1	....	....	....	....	....	1	....	....	....	....
..do.....		684	1	....	....	....	....	....	1	....	....	....	....
..do.....		880	1	....	....	....	....	....	1	....	....	....	....
Switchmen.....	7	1,129	7	....	7	7	7	....	....	....	....	....	....
Joliet.....		90	1	....	1	1	1	....	....	....	....	....	....
Savanna.....		24	1	....	1	1	1	....	....	....	....	....	....
Chicago.....		280	1	....	1	1	1	....	....	....	....	....	....
Blue Island.....		150	1	....	1	1	1	....	....	....	....	....	....
Chicago.....		200	1	....	1	1	1	....	....	....	....	....	....
..do.....		250	1	....	1	1	1	....	....	....	....	....	....
..do.....		226	1	....	1	1	1	....	....	....	....	....	....
Trainmen.....	10	1,298	10	....	10	10	10	....	....	....	....	....	....
Chillicothe.....		60	1	....	1	1	1	....	....	....	....	....	....
Chicago.....		184	1	....	1	1	1	....	....	....	....	....	....
..do.....		360	1	....	1	1	1	....	....	....	....	....	....
..do.....		65	1	....	1	1	1	....	....	....	....	....	....
..do.....		250	1	....	1	1	1	....	....	....	....	....	....
..do.....		121	1	....	1	1	1	....	....	....	....	....	....
Blue Island.....		80	1	....	1	1	1	....	....	....	....	....	....
Chicago.....		40	1	....	1	1	1	....	....	....	....	....	....
..do.....		87	1	....	1	1	1	....	....	....	....	....	....
Peoria.....		81	1	....	1	1	1	....	....	....	....	....	....
Stationary firemen.....	2	300	2	....	2	2	2	....	2	2	....	2	2
Springfield.....		50	1	....	1	1	1	....	1	1	....	1	1
Chicago.....		250	1	....	1	1	1	....	1	1	....	1	1
Steam engineers.....	3	2,115	3	....	3	3	3	....	1	2	2	....	3
Quincy.....		25	1	....	1	1	1	....	1	1	....	1	1
Chicago.....		2,000	1	....	1	1	1	....	1	1	....	1	1
Peoria.....		90	1	....	1	1	1	....	1	1	....	1	1

Table No. 17—Concluded.

TRADES AND LOCATION.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—		AFFILIATIONS LOCALLY—						
			Yes.	No.	National.	International.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH		
							Yes.	No.	American.	State.	Both.	National.	International.
Miscellaneous—Concluded.													
Stone cutters.....	1												
Chicago.....		300	1			1	1		1				1
Stone derrickmen.....	1												
Chicago.....		120	1							1	1		
Stone planers.....	1												
Chicago.....		61		1									
Theatrical stage employes.....	1												
Chicago.....		251	1			1	1		1				1
Travelling salesmen.....	1												
Chicago.....		373	1										
Watch case engravers.....	1												
Chicago.....		20	1			1	1		1				1
Type founders.....	1												
Chicago.....		120	1			1	1		1				1

This table gives the record of each union by trades or industries and by location. Substantially the entire membership is represented in each particular comprehended in the statement. Of the 587 unions reporting as belonging or not belonging to a central body in the town or city where located, 406 or 69.17 per cent belong to a central body. Unions having a parent body, 550 make returns; of these 138 or 25 per cent report having a national parent body, and 412 or 75 per cent are international.

As to affiliations, out of 488 unions reporting, it is seen that 486 are with the parent body; 445 report as being with the American federation, while 58 report as being with both the American and State federations; 475 unions report the manner of affiliation, 115

have this through the national and 360 through the international organization. For convenience of reference Table 17 is recapitulated as follows:

TABLE No. 18—*Recapitulation of Table No. 17.*

INDUSTRY AND TRADES.		Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.		HAS TRADE A PARENT BODY, WHICH—	AFFILIATIONS LOCALLY—						
				Yes.	No.		National.	WITH PARENT BODY.		WITH WHAT FEDERATION.		THROUGH	
								Yes.	No.	American.	State.		Both.	National.	International.
Totals.....	592	140,733	406	181	138	412	486	2	445	54	58	115	369
Bakers and confectioners..	7	1,266	7	.....	.....	7	7	.....	7	1	1	.....	7
Barbers.....	7	234	7	.....	.....	7	7	.....	7	.....	.....	.....	7
Blacksmiths.....	4	524	2	1	.....	4	4	.....	4	.....	.....	.....	4
Boot and shoe makers.....	2	814	2	.....	.....	2	2	.....	2	.....	.....	.....	2
Brass workers.....	2	507	2	.....	.....	2	2	.....	2	.....	.....	.....	2
Brewers and malsters.....	7	1,289	5	1	6	.....	6	.....	6	.....	.....	6	.....
Brick makers.....	4	166	4	.....	.....	4	4	.....	4	.....	.....	.....	4
Brick, tile and terra cotta..	29	2,306	26	3	.....	29	29	.....	29	.....	.....	.....	29
Broom makers.....	2	93	2	.....	.....	2	2	.....	2	.....	.....	.....	2
Building trades.....	96	30,728	71	23	.....	87	87	.....	72	5	5	.....	72
Bricklayers.....	.....	2,500	4	7	.....	11	11	.....	1	1	1	.....	.....
Carpenters and joiners.....	.....	14,580	41	5	.....	45	45	.....	42	3	3	.....	45
Gravel roofing.....	.....	315	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hod carriers.....	.....	6,315	.....	4	.....	4	4	.....	4	.....	.....	.....	4
Lathers.....	.....	514	1	2	.....	2	2	.....	1	.....	.....	.....	2
Painters.....	.....	4,061	21	.....	.....	21	21	.....	20	1	1	.....	20
Plasterers.....	.....	497	2	2	.....	4	4	.....	4	.....	.....	.....	4
Plumbers.....	.....	990	2	2	.....	4	4	.....	4	.....	.....	.....	4
Butchers and meat cutters.	10	2,800	10	.....	.....	10	10	.....	10	.....	.....	.....	10
Olgar makers.....	23	2,999	20	3	.....	23	23	.....	20	3	3	.....	23
Clerical trades.....	80	2,764	30	.....	.....	27	27	1	26	2	2	.....	27
Hotel, etc., waiters.....	.....	196	3	.....	.....	2	2	1	2	.....	.....	.....	2
Post office clerks.....	.....	220	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Railway clerks.....	.....	640	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....
Retail clerks.....	.....	1,708	26	.....	.....	26	26	.....	23	3	2	.....	26
Coopers.....	7	896	7	.....	.....	7	7	.....	6	1	1	.....	7
Electrical workers.....	4	1,053	3	1	.....	3	3	.....	1	2	2	.....	3
Elevator constructors.....	2	806	1	.....	2	.....	2	.....	2	.....	.....	2	.....
Garment workers.....	32	7,425	32	.....	32	.....	32	.....	13	19	19	23	3
Cutters.....	.....	200	1	.....	1	.....	1	.....	1	.....	.....	.....	1
Garment makers.....	.....	723	4	.....	4	.....	4	.....	4	.....	.....	4	.....
Garment work's spec. ord.	.....	5,660	19	.....	19	.....	19	.....	.....	19	19	19	.....
Tailors.....	.....	937	8	.....	8	.....	8	.....	8	.....	.....	.....	8
Glass blowers.....	6	1,464	5	1	1	4	6	.....	4	2	2	.....	4
Holisting engineers.....	15	426	6	9	15	.....	15	.....	15	.....	.....	15	.....
Iron trades.....	39	7,548	26	13	.....	39	39	.....	30	1	1	.....	36
Architectural workers.....	.....	1,030	7	.....	.....	7	7	.....	7	.....	.....	.....	7
Boiler makers.....	.....	1,120	8	.....	.....	8	8	.....	8	.....	.....	.....	8
Bridge workers, struct'l	.....	1,104	1	.....	.....	1	1	.....	1	.....	.....	.....	1
Iron molders.....	.....	3,230	2	10	.....	12	12	.....	12	.....	.....	.....	12
Iron, tin and steel wrk's	.....	115	1	1	.....	2	2	.....	2	.....	.....	.....	2
Metal polishers.....	.....	263	2	.....	.....	1	1	1	1	.....	.....	.....	1
Sheet metal workers.....	.....	401	2	2	.....	4	4	.....	3	1	1	.....	4
Stove mounters.....	.....	70	2	.....	.....	2	2	.....	2	.....	.....	.....	2
United metal workers.....	.....	226	1	.....	.....	1	1	.....	1	.....	.....	.....	1

Table No. 18—Concluded.

INDUSTRY AND TRADES.	Number of unions.	Membership 1901.	BELONG TO ANY CENTRAL BODY IN CITY.				HAS A TRADE OR PARENT BODY, WHICH—		AFFILIATIONS LOCALLY—						
									WITH PARENT BODY		WITH WHAT FEDERATION.		THROUGH		
			Yes.	No.	National.	International.	Yes.	No.	American.	State.	Both.	National.	International.		
Leather workers	2	519	2			2	2		2						2
Letter carriers	6	1,369	1	1	5		5								
Machinists.....	23	3,555	21	2		23	23		20	3	3				23
Miners (U. M. W. A.).....	61	9,923	20	41	61		61		61				61		
Musicians.....	3	2,148	3		3		3		3				3		
Printing Trades.....	25	6,352	23	1		23	23		21	3	3				24
Pressmen.....		5,847	14			14	14		11	3	3				14
Stereotypers.....		120		1			1		1						1
Typographical.....		385	9			9	9		9						9
Railroad employees.....	68	10,319	4	63		63	63		4	1	1	2			2
Conductors.....		1,228		12		12	12								
Engineers.....		935		17		17	17								
Firemen.....		1,457		17		17	17			1	1				1
Freight handlers.....		4,162	4						4						
Switchmen.....		1,139		7		7	7								
Trainmen.....		1,338		10		10	10								
Stationary firemen.....	2	300	2			2	2			2	2				2
Steam engineers.....	3	2,115	3			3	3		1	2	2				3
Steam fitters.....	2	800		2						2	2				
Street car employes.....	6	5,125	5			5	5		5						5
Team drivers.....	14	11,718	11	3	8		13		12	5	1	1	8		5
Vessel unloaders.....	6	5,119	2	1		5	5		5						5
Wood block pavers.....	3	411	2	3											
Wood workers.....	15	3,935	13	1		12	12		12						12
Miscellaneous	27	6,113	19	7	5	10	15		15	3	3	3			12
Bill posters and billers.....	1	130	1												
Box making and sawing.....	1	500	1		1		1			1	1				1
Brush makers.....	1	85							1						
Chandelier makers.....	1	87					1		1						1
Cloth hat and cap makers.....	1	125	1							1	1				
Drainage layers and help'rs.....	1	35		1											
Egg inspectors.....	1	235	1												
Felt hatters.....	1	60				1	1		1						1
Glove makers.....	1	285	1						1						
Gold beaters.....	1	64		1	1		1		1				1		
Granite cutters.....	1	51				1	1		1						1
Horse nail makers.....	1	678		1					1						
Horse shoers.....	1	611	1			1	1		1						1
Laundry workers.....	1	10		1	1		1		1						1
Mattress makers.....	1	330				1	1		1				1		
Parquet floor makers.....	1	120	1						1						1
Pattern makers.....	1	300	1		1		1		1						1
Photo engravers.....	1	366				1	1		1						1
Railroad telegraphers.....	1	489		1	1		1		1				1		1
Rubber workers.....	1	307	1						1						
Stone cutters.....	1	300	1			1	1		1						1
Stone derrickmen.....	1	120	1												
Stone planers.....	1	61		1						1	1				
Theatrical stage employes.....	1	251	1			1	1		1						1
Traveling salesmen.....	1	373	1												
Watch case engravers.....	1	20			1	1	1		1						1
Type foundry.....	1	120	1			1	1		1						

The following table presents the amount of benefits paid by unions to members and their families on account of sickness, accident or for funeral expenses, and amounts contributed to other unions of the same trade:

TABLE NO. 19—*Benefits to Members and Contributions.*

TRADES AND LOCATION.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.		1897	1901
		1897	1901	1897	1901	1897	1901		
Grand totals	326	\$32,453	\$34,120	\$8,580	\$15,298	\$25,253	\$42,077	\$36,756	\$62,230
Bakers and confectioners.	4	\$120	\$285	\$65	\$65	\$200	\$200	.....	\$60
East St. Louis			\$120						\$60
Alton			25						10
Chicago		\$65	65			\$100	\$100		
.. do		65	65	\$65	\$65	100	100		
Barbers	6	\$100	\$315	.....	\$160	\$60	\$120	.....	\$98
Elgin			\$35						\$22
Taylorville		\$45	25			\$80			
Decatur			20				\$80		
Pontiac			80		\$80		60		5
Aurora			80		80				60
Peoria		55	65						
Blacksmiths	2	\$514	\$644	\$184	\$294	\$700	\$950	.....
Chicago		\$84	\$84	\$84	\$84	\$400	\$550		
.. do		430	560	100	210	300	400		
Boot and shoe makers.	2	\$600	\$11	.....	\$3	\$250	\$450	.....
Dixon					\$3				
Chicago		\$600	\$11			\$250	\$450		
Brewers and malsters.	3	\$54	\$50	.....				\$10	\$74
Quincy		\$45	\$40					\$10	\$15
Chicago		9	10						56
.. do									3
Brick makers	2	.....	\$58	.....	\$25	.....			\$25
Streator									\$25
Shermerville.			\$58		\$25				
Brick, tile and terra cotta.	12	.....		.....		\$75	\$75	\$205	\$410
Pullman									\$15
Blue Island								\$50	25
Dalton									30
Chicago								25	40
Collinsville								50	75
Chicago								60	75
Evanston									50
Shermerville.									25
Glen Carbon								20	85
Quincy									20
Streator									10
Chicago						\$75	\$75		
Broom makers	1								
Chicago									\$100

Table No. 19—Continued.

TRADES AND LOCATION.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.		1897	1901
		1897	1901	1897	1901	1897	1901		
BUILDING TRADES.....	77	\$11,714	\$16,785	\$2,226	\$6,290	\$12,960	\$21,048	\$19,225	\$10,405
Bricklayers	9	\$65	\$220	\$141	.....	\$150	\$225	\$30	\$562
Quincy			\$75						\$100
East St. Louis									17
LaSalle									80
Rock Island									5
Highwood			4						60
Bloomington									50
Springfield							\$75	\$30	50
Chicago		\$65	141	\$141		\$150	150		200
Carpenters and joiners....	27	\$3,815	\$12,100	\$2,170	\$4,755	\$9,000	\$12,572	\$12,366	\$5,165
Murphysboro			\$58				\$250		
Madison			43						\$100
East St. Louis						\$800	800	\$200	300
Collinsville							25		50
Ottawa					\$80		50		50
New Baden									5
Kewanee									50
Bloomington							68		
Herrin			33						15
Centralia			16				75		
Marissa									8
Peru							200		10
Toluca					200		50		
Moline			300		45				
Elgin							200		25
Spring Valley							200		25
Belleville		\$25	35						
Chicago			340	\$18	32	350	400	\$1	7
do					70		300		400
Austin			320		60		150		
Chicago		120	30	40	30	200	100	40	160
Pullman		240	400		140	225	150	160	
Chicago		340	500	160	180	400	600	400	100
do		220	300	60	120	400	600	405	160
do		480	640	100	240	300	400	608	200
do		450	580	100	240	300	530	300	50
do		1,840	1,450	640	770	900	750	2,000	400
do		600	650	100	220	300	400	400	130
do		640	720	120	100	300	480	1,000	200
do		140	160	30	60	100	200	160	40
do			780		240		400	870	140
do		240	640	210	300	200	400	1,200	300
do		240	480	120	180	500	300	1,100	140
do		300	420		260	675			150
do		620	740		320	750	825	300	
do		640	840	180	360	400	500	1,400	840
do		1,400	1,655	220	640		900	1,800	1,100
Gravel roofers	1								
Chicago						\$100	\$100		
Hod carriers	4								
Chicago						\$800	\$400	\$2,850	\$830
do									
do						\$75	\$100	\$2,000	\$400
do						75	100	160	40
do						75	100	100	230
do						75	100	600	160
Lathers	1								
Joliet					\$5		\$100		

Table No. 19—Continued.

TRADES AND LOCATIONS.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.		1897	1901
		1897	1901	1897	1901	1897	1901		
Painters	18	\$2,334	\$4,466	\$1,025	\$1,535	\$4,100	\$7,100	\$2,539	\$3,123
Peoria			\$75		\$45				\$150
Elgin							\$50		30
Decatur		\$24							
Streator		120							59
Ottawa									300
Kankakee									10
Joliet			80						40
Chicago		140	260	\$15	85	\$306	600	\$145	100
do		720	630	245	150	900	1,500	1,000	800
do		340	430	120	260	600	1,050	840	140
do		40	65	10	15		150		50
do		300	415	120	120	300	150	400	140
do		720	860	400	360	1,500	1,350	700	280
do			105		35		150		240
do		25							10
Evanston		95	340	30	225	200	450	140	260
Chicago		225	525	40	80	200	750	163	342
do		185	640	45	160	100	900	152	242
Plasterers	3					\$100	\$150	\$200	\$260
Bloomington									\$10
Streator							\$50		
Chicago						100	100	\$200	250
Plumbers	4					\$200	700	240	465
Champaign									\$400
Chicago						\$100	\$100	\$220	
do						100	600		
Peoria								20	65
Butchers and meat cutters	10					\$375	\$750		\$300
Chicago						\$75	\$75		
do						75	75		
do						75	75		
do							75		
do							75		
do							75		
do							75		
do							75		200
do						75	75		
do						75	75		
Cigar makers	19	\$1,537	\$1,882	\$481	387	\$553	\$1,160	\$2,791	\$3,504
Belvidere		365	365						
Alton			80				\$30		
Kewanee			25						\$150
Centralla			50				200		
Chicago		150	70		\$40			\$300	160
Streator			100						
Canton		118	170	\$206	25	\$350	90		
Murphysboro			25						12
Springfield		100	411			100	50	100	425
Ottawa		62	60						150
Danville		147	145					70	88
Chicago									
Pekin		30	70			135	100	1,500	1,500
Peoria		485	222	276	31				33
Havana			22			35	40	135	131
Blue Island		55						35	100
Chicago		45							
Decatur		205	290						
Bloomington		65	77				590		

Table No. 19—Continued.

TRADES AND LOCATION.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.			
		1897	1901	1897	1901	1897	1901	1897	1901
CLERICAL TRADES.....	2								
Hotel, etc., waiters	1								
Murphysboro	1								\$6
Retail clerks	2								9
Kewanee									\$4
LaSalle									5
Coopers	6					\$300	\$500	\$197	\$379
Alton									\$7
East St. Louis									75
Chicago						\$50			55
do							50		
do						150	300	60	140
do						100	150		
Electrical workers.....	2	\$820	\$317			\$200	\$1,200	\$250	\$30
Chicago		\$280	\$210				\$200		\$20
do		540	107			200	600	250	
do							400		
GARMENT WORKERS...	6	\$50	\$75			\$500	\$415	\$225	\$223
Cutters	1								
Chicago						\$100	\$100		
Garment makers.....	2								\$23
Springfield									\$12
Rockford									11
Tailors	4	\$50	\$75			\$500	\$315	\$225	\$210
Champaign.....						\$100			
Elgin						250	\$140		\$10
Peoria		\$50	\$75			50	75	\$200	150
Chicago						100	100		
Glass blowers	4					\$2,550	\$2,800	\$500	\$1,000
Streator						\$50			
Upper Alton						2,500	\$2,500		
East St. Louis								\$500	\$1,000
Chicago							300		
Hoisting engineers.....	7	\$70				\$140	\$116		\$45
Farmington									\$10
Athens									20
Coal City						\$65			
Marion		\$70							
Murphysboro							\$16		10
Belleville.....									5
Chicago						75	100		
IRON TRADES	23	\$475	\$185	\$1,480	\$1,250	\$1,350	\$2,425	\$825	\$1,946
Architectural workers	6					\$625	\$1,350		\$798
Chicago							\$150		\$16
do						\$450	600		400
do						175	\$75		150
Glencoe							225		180
Chicago									40

Table No. 19—Continued.

TRADES AND LOCATION.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.		1897	1901
		1897	1901	1897	1901	1897	1901		
Boiler makers.....	6	.....	.....	.....	.....	.....	.....	.....	\$360
Chicago.....	\$45
do.....	35
do.....	125
do.....	20
do.....	50
do.....	75
Bridge workers, struct'ral.	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	\$1,400	\$1,205	\$675	\$975	\$625	\$415
Iron molders.....	3	\$415	\$35	.....	.....	.....	\$100	\$90	\$201
Freeport.....	\$35	.....	.....	.....	\$100	.....	\$50
Belleville.....	\$65	.....	.....	.....	.....	.....	\$90	121
Chicago.....	\$50	.....	.....	.....	.....	.....	.....	.....
Metal polishers.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Belleville.....	110
Sheet metal workers.....	3	\$30	\$150	.....	.....	.....	.....	\$10	24
Elgin.....	2
Evanston.....	7
Quincy.....	\$30	\$150	.....	.....	.....	.....	\$10	15
Stove mounters.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Chicago.....	\$50	.....	\$100	50
Leather workers.....	1	.....	.....	.....	.....	.....	.....	.....	.....
Quincy.....	\$150	.....	.....	.....	\$60	.....	23
Machinists.....	17	\$205	\$574	\$600	\$1,200	\$172	\$500	\$290	\$1,028
Elgin.....	\$10	.....	.....	\$100	\$50	\$25	\$108
Aurora.....	\$39	57	.....	.....	.....	.....	.....	35
Springfield.....	150
Belleville.....	235
Chicago.....	40	35
do.....	20	50
do.....	25	75
Maywood.....	25	50
Chicago.....	35	.....
do.....	25	25
do.....	25	125
do.....	60	110
do.....	35
Bloomington.....	90	.....	.....	.....	150	.....	.....
Chicago.....	166	287	600	1,200	72	216	.....	.....
Miners—Coal.....	40	.....	\$2,811	.....	\$516	\$107	\$4,725	\$375	\$18,313
Birkner Station.....	\$107	.....	.....	.....
Herrin.....	\$200	.....	.....
Morris.....	\$25
Pawnee.....	160	.....	500
Flatt.....	20	.....	.....
Greenview.....	50	.....	.....
Kingston Mines.....	150	.....	.....
Lensburg.....	179
Spaulding.....	100	.....	130
Lincoln.....	80
Auburn.....	65	200	.....
Ledford.....	140	.....	500
Girard.....	\$150	.....	\$290	.....	770	.....	.....
De Soto.....	210	.....	.....	.....	.....	.....	100
New Baden.....	250	.....	.....	.....	270	.....	50

Table No. 19—Continued.

TRADES AND LOCATION.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.		1897	1901
		1897	1901	1897	1901	1897	1901		
Miners—Coal—Cont. used.									
Mt. Vernon.....			\$100		\$75		\$100		\$150
Kangley.....			150		200				200
Marion.....							40		
Spring Valley.....							120		
Pekin.....							200		
Glen Carbon.....			1,440				600		700
Georgetown.....							100		25
Sorento.....			100				180	\$300	300
Rutland.....							60		100
Toluca.....							180		
Astoria.....							50		
Springfield.....			296				230	230	230
Sherrard.....								150	150
Auburn.....			65				160	40	40
St. David.....									
DuQuoin.....							100		1,600
Murphysboro.....									4,000
Sparta.....									200
.. do ..									1,200
Caseyville.....								75	125
Carlinville.....							100		2,500
Freeburg.....									1,700
Marissa.....									1,200
Sparta.....									530
Falsley.....									250
Musicians.....	1								
Chicago.....						\$100			
PRINTING TRADES.....	16	\$2,438	\$2,799			1,465	\$1,930	\$171	\$394
Pressmen.....	8	\$2,398	\$2,744			\$1,060	\$960	\$21	\$16
Danville.....		\$15	\$75				\$20	\$10	\$11
Kewanee.....								11	5
Chicago.....						150	150		
.. do ..						100			
.. do ..							100		
.. do ..							100		
.. do ..		2,288	2,069			575	965		
Peoria.....		75				225	75		
Sterotypers.....	1								
Chicago.....		\$50	\$25				\$100	\$150	\$300
Typographical.....	7		\$90			\$415	\$370		\$78
Elgin.....							\$185		\$45
Bloomington.....									32
Quincy.....			\$30				210		
Chicago.....						\$100	100		
.. do ..						65	65		
.. do ..						250	250		
Belleville.....							60		
RAILROAD EMPLOYEES..	28	\$2,700	\$2,180	\$1,485	\$1,951	\$400	\$515	\$475	\$1,015
Conductors.....	1						\$140		
Galesburg.....									
Engineers.....	1								
Murphysboro.....						\$300	\$300		

Table No. 19—Continued.

TRADES AND LOCATION.	Number of unions.	BENEFITS PAID MEMBERS FOR—						CONTRIBUTED TO OTHER UNIONS—SAME TRADE, IN—	
		SICKNESS.		ACCIDENT.		FUNERAL.			
		1897	1901	1897	1901	1897	1901	1897	1901
Firemen.....	12					\$100	\$175	\$150	\$525
East St. Louis.....						\$100	\$100		
do									\$50
Blue Island.....									30
Chicago									40
do									25
do									35
do									100
do									60
do							75		80
do									25
Peoria.....								\$150	75
Switchmen.....	1								
Joliet.....					\$301				125
Trainmen.....	10	\$2,700	\$2,180	\$1,485	\$1,750			\$325	\$395
Chicago		\$680	\$335	\$540	\$480				
do		420	660	180	340			\$50	\$50
do		85	125	60	40				
do		340	425	265	120				
do		180	245	125	380			175	60
Blue Island.....		460	340	180	340				
Chicago			90		75				
do		35	80	125	115				
Peoria.....		480	690					100	185
Stationary firemen.....	2		\$150				\$50		\$140
Springfield.....			\$150						\$40
Chicago							\$50		100
Steam engineers.....	1								
Quincy.....			\$3						
Steam fitters.....	2					\$100	\$100	\$300	
Chicago								\$300	
do						\$100	\$100		
Street car employes.....	1								
Belleville.....			\$300		\$50		\$100		\$100
Team drivers.....	4		\$10				\$22	\$6	\$45
Pekin.....									\$30
Mt. Olive.....									6
Pinckneyville.....								\$6	
Joliet.....			\$10				\$22		10
Vessel unloaders.....	6	\$1,400	\$1,655	\$410	\$480	\$1,025	\$1,400	\$908	\$2,211
Chicago								\$3	\$11
do				\$150		\$75	\$75		1,000
do		\$1,400	\$1,655	280	\$480	300	600	900	1,200
do						50			
do						300	500		
do						300	225		
Woodblock pavers.....	2			\$600	\$950	\$800	\$1,350		
Chicago						\$400	\$700		
do				\$600	\$950	400	650		

trade or industry; 21 report for 1901 as paying \$52,330. Notwithstanding the small number of unions reporting under these headings, the amounts given as paid indicate very large sums contributed as relief. For the year 1897 the average paid for sickness by each union reporting was \$305, for accidents \$215, for funerals \$250, contributed to other unions \$297. The averages for 1901 are for sickness \$300, for accidents \$239, funerals \$252, contributed to other unions \$248. If these averages were applied to the total number of unions the aggregate amount paid towards each provision would reach many thousands of dollars.

The following table presents the amounts contributed by unions to organized labor for relief of all kinds, aside from that paid for relief of individual members and contributed to unions of the same trade:

TABLE NO. 20—Contributions to Organized Labor.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR. RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Totals	317	\$12,786	\$27,496	\$34,206	\$31,176	\$34,218
Bakers and confectioners	3				\$12	\$31
East St. Louis						\$60
Belleville					\$2	5
Alton					10	16
Barbers	4	\$5	\$10	\$15	\$43	\$36
Elgin				\$5	\$18	\$22
Taylorville					15	8
Pontiac					5	5
Peoria		\$5	\$10	10	5	
Blacksmiths	1					\$800
Chicago						
Boot and shoe makers	2					\$165
Dixon						\$15
Chicago						150
Brewers and malsters	3	\$22	\$25	\$31	\$63	\$35
Quincy		\$17	\$20	\$18	\$33	\$15
New Athens		5	5	5	5	5
Chicago					25	5
Brick makers	3	\$10	\$5	\$5	\$15	\$43
Streator						\$35
Kankakee						8
Shermerville		\$10	\$5	\$5	\$15	10

Table No. 20—Continued.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Brick, tile and terra cotta.....	14	\$22	\$54	\$25	\$255	\$360
Streator.....						\$25
Pullman.....					\$40	15
Bernice.....					50	40
Blue Island.....					20	10
Belleville.....			\$20	\$25	45	25
Collinsville.....					35	25
Chicago.....					30	19
Evanston.....						30
Shermerville.....						40
Blue Island.....						25
Glen Carbon.....					35	40
Quincy.....						15
Streator.....						15
Chicago.....		\$22	34			60
Broom makers.....	3	\$25	\$50	\$75	\$125	\$304
Aurora.....						34
Chicago.....		\$25	\$50	\$75	\$125	200
BUILDING TRADES.....	72	\$14,867	\$15,431	\$20,714	\$3,659	\$9,965
Bricklayers.....	8	\$78	\$200	\$272	\$257	\$223
Quincy.....				\$25	\$32	\$47
LaSalle.....		\$3	\$7	5	22	10
Rock Island.....			25	49	45	60
Pontiac.....						16
Bloomington.....						40
Springfield.....			18	60		
Chicago.....			200	100	100	25
Belleville.....		75		34	60	25
Carpenters and joiners.....	27	\$9,377	\$2,002	\$11,968	\$2,591	\$6,581
Murphysboro.....					\$3	\$2
Madison.....						12
East St. Louis.....		\$1,500	\$2,000	\$1,200	800	900
Collinsville.....		20	15	25	32	27
Pekin.....						7
Ottawa.....						60
Kewanee.....					100	100
Bloomington.....				28	50	66
Herrin.....					10	25
Centralia.....						30
Marissa.....						2
Peru.....			6	5	5	10
Toluca.....						3
Moline.....						100
Elgin.....				20	30	25
Spring Valley.....					40	60
East St. Louis.....		60	20	40	190	228
Alton.....					36	39
Chicago.....		7	11	15	60	5
..do.....				160		40
..do.....		40	15	69	5	20
Pullman.....		140	120	200		60
Chicago.....		200	140	400	10	100
..do.....		180	140	340	40	200
..do.....		439	300	550	40	140
..do.....		240	280	340		60
..do.....		1,500	1,000	1,500	300	400
..do.....		400	300	540		100
..do.....		450	300	600		40
..do.....		100	50	160		40
..do.....		640	550	840	110	320
..do.....		420	340	875	110	640
..do.....		240	120	300	10	160

Table No. 20—Continued.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Carpenters and joiners—Concluded.						
Chicago.....	\$100	\$65	\$250	.....	\$65
..do	230	160	250	.....	100
..do	1,100	840	1,240	\$160	405
..do	1,400	1,200	1,650	450	2,000
Gravel Roofers.....	1					
Chicago.....	\$200	\$180	\$240	\$40	\$160
Hod Carriers.....	4	\$2,125	\$2,267	\$4,030	\$84	\$694
Chicago.....	\$1,600	\$1,400	\$2,210	*	\$400
..do	225	215	480	\$44	14
..do	180	240	760	20	240
..do	40	212	600	10	240
Lathers.....	1					
Chicago.....	\$15	\$10	\$12	\$90	\$40
Painters.....	17	\$2,732	\$4,267	\$2,681	\$782	\$1,885
Peoria.....			\$100	\$300	\$175
Elgin.....					20
Decatur.....					200
Streator.....					27
Kankakee.....					10
Joliet.....			27	15	20
Chicago.....	\$165	\$220	240		165
..do	900	1,100	840	225	300
..do	420	640	510		180
..do	60	142	80	10	40
..do	200	300	400	100	150
..do	520	1,100	840	100	245
..do			165		45
Evanston.....	40	125	240		105
Chicago.....	162	242	208		112
..do	145	285	205		42
Belleville.....	20	12	17	42	56
Plasterers.....	2			\$5	\$15	.....
Bloomington.....			\$5	\$10	.....
Joliet.....				5	.....
Plumbers.....	2	\$240	\$445	\$175	\$20	\$22
Chicago.....	\$200	\$420	\$140	.....	\$60
Peoria.....	40	15	15	\$20	22
Butchers and meat cutters.....	3					\$225
Chicago.....					\$75
..do					75
..do					175
Cigar makers.....	17	\$632	\$1,563	\$1,776	\$2,572	\$2,704
Belvidere.....	\$100	\$100	\$200	\$100	.....
Alton.....				115	.....
Kewanee.....		25	15	60	\$45
Centralia.....			3	4	3
Chicago.....	60	50	100	70	100
Canton.....					12
Murphysboro.....					5
Springfield.....	10	25	25	35	51
Danville.....		10		10	5
Chicago.....	193	192	192	192	192
..do		1,045	1,045	1,045	1,045
Pekin.....				700	965

* On strike.

Table No. 20—Continued.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Cigar makers—Concluded.						
Peoria.....		\$75	\$100	\$30	\$30	\$150
Havana.....		20	15	40	40	10
Chicago.....		100		25	40	
Decatur.....		75		50	50	25
Bloomington.....						75
CLERICAL TRADES	5			\$4	\$41	\$151
Postoffice clerks	1				\$37	\$69
Chicago.....						
Retail clerks	4			\$4	\$14	\$112
Centralla.....					95	
Kewanee.....						\$15
Alton.....						50
La Salle.....				\$1	6	5
Chicago.....						42
Coopers	5	\$305	\$323	\$305	\$305	\$257
Alton.....		\$10	85	\$10	\$11	\$12
East St. Louis.....		70	20	50	30	25
Peoria.....				5	50	55
Chicago.....		25	55	40	15	25
..do.....		100	150	170	200	140
Electrical workers	3	\$343	\$1,304	\$1,849	\$450	\$170
Chicago.....		\$50			\$150	\$30
..do.....		233	\$104	240	300	140
..do.....			1,200	1,600		
Elevator constructors	2	\$15	\$25	\$40	\$55	\$100
Chicago.....		\$15	\$25	\$40	\$55	\$70
..do.....						30
GARMENT WORKERS	14	\$63	\$162	\$30	\$429	\$905
Garment makers	3				\$25	\$331
Rockford.....					\$25	\$20
Chicago.....						\$51
Garment workers—special order	7				\$160	\$320
Chicago.....					\$25	\$50
..do.....					15	35
..do.....					20	45
..do.....					75	85
..do.....					25	35
..do.....						25
..do.....						45
Tailors		\$63	\$162	\$30	\$244	\$165
Belleville.....					\$11	
Springfield.....		\$5	\$30	\$30	55	\$35
Elgin.....		3	7	15	25	30
Peoria.....		75	125	50	150	100
Glass Blowers	5	\$35	\$125	\$100	\$300	\$340
Upper Alton.....						\$500
Alton.....					\$100	100
Belleville.....		\$74	\$110	\$60	180	40
East St. Louis.....		20	15	40	20	200
Chicago.....						100

Table No. 20—Continued.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Holisting Engineers.....	7	\$110	\$170	\$115	\$180	\$220
Sheppard.....					85	\$10
Farmington.....						15
Murphysboro.....			\$20		\$40	20
Oglesby.....					50	100
Coal City.....				\$15	25	40
Wenona.....					90	5
Chicago.....		\$110	\$150	100		40
IRON TRADES—.....	20	\$454	\$540	\$420	\$1,659	\$1,007
Architectural Workers.....	5				\$540	\$397
Chicago.....						42
..do.....					\$250	60
..do.....					200	40
Glenco.....						75
Chicago.....						80
Boiler Makers.....	6				\$175	\$390
Chicago.....					240	
..do.....					20	
..do.....						\$300
..do.....					25	
..do.....					30	
..do.....					60	
Bridge Workers, Structural.....	1					
Chicago.....		\$105	\$92	\$144	\$840	\$336
Iron Molders.....	2		\$70	\$120	\$40	\$305
Freeport.....						\$315
East St. Louis.....			\$70	\$120	\$40	80
Metal Polishers.....	1					
Belleville.....						5
Sheet Metal Workers.....	4	\$364	\$332	\$146	\$4	\$364
Elgin.....						\$100
Evanston.....						5
Quincy.....		84	35	85	84	7
Chicago.....		260	290	140		162
Stove Mounters.....	1					
Chicago.....		95	45	20	50	10
Leather Workers.....	2				\$75	\$122
Quincy.....						35
Chicago.....					\$75	125
Machinists.....	16	\$615	\$255	\$395	\$510	\$1,025
Elgin.....						\$10
Aurora.....						10
Springfield.....						50
Belleville.....						225
Chicago.....		\$25	\$20	\$25	\$20	50
..do.....		10	20	15	30	30
..do.....		15	15	25	20	40
..do.....		10	20	15	35	40
Maywood.....						25
Chicago.....		20	20	25	15	45
..do.....		10	20	15	25	60
..do.....		25	15	35	30	45
..do.....				10	10	25
..do.....						60

Table No. 20—Continued.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF ON ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Machinists—Concluded.						
Bloomington.....		\$100	\$40	.....	\$30	\$90
Chicago.....		400	75	\$150	300	250
Miners—Coal.....	28	\$287	\$2,945	\$2,452	\$5,124	\$5,619
Birkner Station.....				\$30	\$151	\$84
Herrin.....					720	900
Morris.....					81	10
Pawnee.....		\$25	\$30	72	68	101
Platt.....						117
Kingston Mines.....			15	30	40	15
Lansburg.....		28	47	88	64	52
Spaulding.....						25
Lincoln.....						5
Auburn.....						600
Girard.....				200	250	650
Colchester.....					5	10
Oglesby.....						30
DeSoto.....			1,000	1,000	1,000	100
New Baden.....			25	50	75	500
Mt. Vernon.....			5	5	10	10
Spring Valley.....				10	300	40
O'Fallon.....				100		
Cable.....					10	25
Georgetown.....					10	10
Sorento.....		21	28	57	125	180
Rutland.....				150	100	50
Toluca.....				25	280	
Astoria.....						124
Sparland.....						10
Sherrard.....					270	300
Belleville.....			200	40	120	60
St. David.....			70	80	50	125
Duquoin.....			60	110	75	200
Murphysboro.....					200	300
Sparta.....						20
..do.....			40	15	90	65
Caseyville.....		10	40	70	150	120
Collinsville.....		200	1,200	150	500	300
Freeburg.....		5	20	60	110	75
Marissa.....			30	40	30	15
Sparta.....						60
Paisley.....			75	75	150	200
Musicians.....	1					
Chicago.....					300	300
PRINTING TRADES.....	12	\$290	\$401	\$1,808	\$4,168	\$1,123
Pressmen.....	7	\$120	\$341	\$1,630	\$2,987	\$712
Danville.....		\$10	\$14	\$20	\$25	\$21
Kewanee.....			2	180	2	3
Chicago.....		80	60	80	60	90
..do.....				1,050	2,000	425
..do.....			100	200	50	150
..do.....					750	
Peoria.....		40	45	30	70	55
Typographical.....	6	\$160	\$160	\$178	\$181	\$440
Pern.....						\$300
Elgin.....				\$15	\$11	
Bloomington.....						\$65
Chicago.....		\$60	\$60	60	60	60
..do.....		100	100	100	100	100
Belleville.....					10	15

Table No. 20—Continued.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
RAILROAD EMPLOYES.....	28	\$123	\$249	\$414	\$610	\$2,112
Conductors	4	\$36	\$105	\$124	\$52	\$78
Galesburg .....	..	25	..	\$15	..	\$15
Rock Island .....	..	10	\$10	10	\$15	15
Peoria.....	..	69	78	79	17	20
..do .....	..	12	19	30	20	28
Engineers	4	\$30	\$16	\$45	\$62	\$68
Clinton .....	..	..	..	..	..	86
Murphysboro.....	..	..	..	\$25	\$25	25
Peoria.....	..	\$30	\$16	20	27	30
..do .....	..	..	..	..	..	25
Firemen	12	\$47	\$110	\$62	\$65	\$1,064
East St. Louis.....	..	..	..	..	..	\$60
Savanna .....	..	\$7	\$10	\$12	\$10	14
Chicago.....	..	..	..	..	..	100
Blue Island.....	..	..	..	..	..	40
Chicago.....	..	..	..	..	..	70
..do .....	..	..	..	..	..	60
..do .....	..	..	..	..	..	55
..do .....	..	..	..	..	..	175
..do .....	..	..	..	..	..	125
..do .....	..	..	..	..	..	120
..do .....	..	..	..	..	..	60
..do .....	..	..	..	..	..	125
Peoria.....	..	40	100	50	75	90
Switchmen	1	..	..	\$60	\$196	\$125
Joliet.....	..	..	..	..	..	..
Trainmen.....	6	\$39	\$18	\$112	\$225	\$787
Chillicothe .....	..	..	..	\$60	\$100	\$125
Chicago.....	..	..	..	..	..	60
..do .....	..	..	..	..	..	160
Blue Island.....	..	..	..	20	45	160
Chicago.....	..	..	..	..	..	122
Peoria.....	..	\$39	\$18	42	60	120
Stationary firemen.....	2	..	..	..	..	\$75
Springfield .....	..	..	..	..	..	\$25
Chicago.....	..	..	..	..	..	50
Steam engineers.....	2	\$75	\$25	\$50	\$65	\$634
Quincy .....	..	..	..	..	\$26	\$24
Peoria.....	..	\$75	\$25	\$50	40	600
Steam fitters	1	..	..	..	..	..
Chicago.....	..	\$700	\$300	\$300	..	\$500
Street car employés	1	..	..	..	\$150	\$300
Belleville .....	..	..	..	..	..	..
Team drivers.....	5	..	..	\$10	\$22	\$96
Pekin .....	..	..	..	..	..	\$30
Mt. Olive .....	..	..	..	35	\$16	12
Pineknayville .....	..	..	..	..	2	4
Joliet.....	..	..	..	5	5	20
Centralla .....	..	..	..	..	..	20

Table No. 20—Concluded.

TRADES AND LOCATION.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Vessel unloaders.....	2	\$242	\$300	\$450	\$1,016	\$480
Chicago .....	.....	\$242	\$300	\$450	\$300	\$480
..do .....	.....	.....	.....	.....	200	.....
..do .....	.....	.....	.....	.....	16	.....
Wood workers.....	9	\$2,805	\$2,484	\$2,282	\$7,000	\$2,120
East St. Louis .....	.....	.....	.....	.....	60	115
Chicago .....	.....	183	235	205	350	142
..do .....	.....	412	355	325	1,040	320
..do .....	.....	642	740	425	1,250	690
..do .....	.....	842	614	535	1,050	742
..do .....	.....	390	235	410	1,400	524
..do .....	.....	315	205	100	1,250	464
..do .....	.....	62	52	40	200	42
..do .....	.....	.....	.....	.....	160	85
..do .....	.....	.....	.....	.....	.....	53
MISCELLANEOUS.....	9	\$680	\$540	\$214	\$1,100	\$1,018
Bill posters	1	.....	.....	.....	.....	.....
Chicago .....	.....	.....	.....	\$14	\$25	\$30
Brushmakers.....	1	\$40	\$40	50	57	75
Chicago .....	.....	.....	.....	.....	15	40
Granite cutters	1	60	.....	.....	.....	33
Chicago .....	.....	.....	.....	.....	25	100
Pattern makers.....	1	100	.....	.....	.....	.....
Chicago .....	.....	.....	.....	.....	300	.....
Photo engravers.....	1	.....	.....	.....	.....	.....
Chicago .....	.....	.....	.....	.....	575	700
Theatrical stage employes.....	1	500	500	150	.....	.....
Chicago .....	.....	.....	.....	.....	15	.....
Watch case engravers.....	1	.....	.....	.....	.....	.....
Chicago .....	.....	.....	.....	.....	85	5
Type foundry.....	1	.....	.....	.....	.....	.....
Chicago .....	.....	.....	.....	.....	.....	.....

The reading of this table will reveal the amounts contributed by the different unions. The number reporting for 1897 is 114, for 1898 131, for 1899, 160, for 1900, 203, for 1901, 293.

Table No 21 is recapitulated as follows:

TABLE NO. 21—*Recapitulation by Trades, Table No. 20.*

TRADES AND INDUSTRIES.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Totals.....	317	\$22, 786	\$27, 496	\$34, 206	\$31, 176	\$35, 218
Bakers and confectioners.....	2	.....	.....	.....	\$12	\$31
Barbers.....	5	85	\$10	\$15	45	86
Blacksmiths.....	1	.....	.....	.....	.....	600
Boot and shoe makers.....	2	.....	.....	.....	.....	165
Brewers and malsters.....	2	22	25	21	69	25
Brick makers.....	2	10	5	5	15	43
Brick, tile and terra cotta.....	14	22	54	25	255	360
Broom makers.....	2	25	50	75	125	304
Building trades.....	72	\$14, 967	\$15, 431	\$20, 714	\$2, 859	\$9, 965
Bricklayers.....	8	378	\$250	\$273	\$257	\$323
Carpenters and joiners.....	57	9, 377	8, 002	11, 959	2, 591	6, 551
Gravel roofing.....	1	300	180	340	40	160
Hod carriers.....	4	2, 125	2, 367	4, 080	84	394
Lathers.....	1	15	10	22	60	40
Painters.....	17	2, 732	4, 267	3, 861	792	1, 936
Plasterers.....	2	.....	.....	6	15	.....
Plumbers.....	2	340	445	175	20	52
Butchers and meat cutters.....	2	.....	.....	.....	.....	325
Cigar makers.....	17	\$633	\$1, 563	\$1, 776	\$2, 572	\$2, 704
Clerical trades.....	5	.....	.....	4	41	181
Postoffice clerks.....	1	.....	.....	.....	\$27	\$69
Retail clerks.....	4	.....	.....	34	14	112
Coopers.....	5	\$306	\$233	305	\$306	\$257
Electrical workers.....	2	343	1, 304	1, 840	459	170
Elevator constructors.....	2	15	25	40	55	100
Garment workers.....	14	\$93	\$162	\$90	\$429	\$966
Garment makers.....	2	.....	.....	.....	\$25	\$181
Garment workers, special order.....	8	.....	.....	.....	160	320
Tailors.....	4	\$93	\$162	\$96	244	165
Glass blowers.....	5	95	125	100	300	340
Holisting engineers.....	7	110	170	115	180	290
Iron trades.....	30	\$464	\$540	\$420	\$1, 959	\$1, 607
Architectural workers.....	5	.....	.....	.....	\$550	\$237
Boiler makers.....	6	.....	.....	.....	175	300
Bridge workers, structural.....	1	\$106	\$92	\$144	840	\$36
Iron molders.....	2	.....	70	120	40	395
Metal polishers.....	1	.....	.....	.....	.....	5
Sheet metal workers.....	4	264	333	146	4	264
Stove mounters.....	1	95	45	20	50	10
Leather workers.....	2	.....	.....	.....	75	133
Machinists.....	17	615	255	365	510	1, 035
Miners (U. M. W. A.).....	28	267	2, 945	2, 452	5, 124	5, 619
Musicians.....	3	.....	.....	.....	300	300
Printing trades.....	13	290	401	1, 908	4, 168	1, 153
Pressmen.....	7	\$130	\$241	\$1, 630	\$2, 967	\$712
Typographical.....	6	160	160	176	181	440

Table No. 21—Concluded.

TRADES AND INDUSTRIES.	Number of unions.	CONTRIBUTED TO ORGANIZED LABOR, RELIEF OF ALL KINDS— OTHER TRADES.				
		1897	1898	1899	1900	1901
Railroad employees.....	28	\$193	\$249	\$414	\$610	\$2,112
Conductors.....	4	\$96	\$105	\$124	\$52	\$78
Engineers.....	4	20	16	45	52	88
Firemen.....	13	47	110	62	85	1,084
Switchmen.....	1	.....	.....	60	196	125
Trainmen.....	6	30	18	113	225	737
Stationery firemen.....	2	.....	.....	.....	.....	75
Steam engineers.....	2	75	25	50	66	634
Steam fitters.....	1	790	600	600	.....	600
Street car employes.....	1	.....	.....	.....	150	200
Team drivers.....	5	.....	.....	10	22	96
Vessel unloaders.....	3	242	300	450	1,016	400
Wood workers.....	9	2,605	2,684	2,282	7,660	2,195
Miscellaneous.....	9	.....	.....	.....	.....	.....
Bill posters and billers.....	1	.....	.....	\$14	\$25	\$80
Brush makers.....	1	\$40	\$40	50	57	75
Cloth hat and cap makers.....	1	.....	.....	.....	15	40
Granite cutters.....	1	40	.....	.....	.....	85
Pattern makers.....	1	100	.....	.....	25	100
Photo engravers.....	1	.....	.....	.....	200	.....
Theatrical stage employes.....	1	500	500	150	575	700
Watch case engravers.....	1	.....	.....	.....	15	.....
Type foundry.....	1	.....	.....	.....	88	5

The following table shows the average yearly cost to each member to maintain membership in the local organization:

TABLE No. 22—*Cost Per Member Per Year to Maintain Local Unions.*

TRADES AND INDUSTRY.	YEARLY COST PER MEMBER TO MAINTAIN ORGANIZATION.								
	Number of unions.	1897				1901			
		Unions reporting membership.	Number of mem- bers.	Unions reporting cost.	Average cost per member.	Unions reporting membership.	Number of mem- bers.	Unions reporting cost.	Average cost per mem- ber.
Grand totals.....	592	274	57,815	315	\$6.89	596	140,723	568	\$7.06
Bakers and confectioners.....	7	2	252	1	\$6.00	6	1,399	7	\$6.17
Barbers.....	7	2	87	1	7.20	7	224	5	6.88
Blacksmiths.....	4	2	206	2	8.00	3	524	4	5.50
Boot and shoemakers.....	2	1	63	1	12.00	2	814	1	12.00
Brassworkers.....	2	1	63	1	12.00	2	507	2	12.00
Brewers and malsters.....	7	6	935	5	7.20	7	1,399	6	7.00
Brickmakers.....	4	1	57	1	15.00	4	156	4	6.20
Brick, tile and terra cotta.....	29	8	525	14	3.21	28	2,305	28	4.04
Broommakers.....	2	1	25	1	4.80	2	98	2	5.90
Building trades.....	95	53	22,728	63	\$6.67	95	30,722	90	\$6.72
Bricklayers.....	11	7	2,592	8	\$3.59	11	2,500	11	\$4.21
Carpenters and joiners.....	47	24	10,405	29	7.20	47	14,530	45	7.41
Gravel roofing.....	1	1	297	1	6.00	1	215	1	6.00
Hod carriers.....	4	4	2,315	4	6.00	4	6,315	4	6.00
Lathers.....	3	1	421	2	6.00	3	514	3	6.00
Painters.....	21	12	2,039	12	6.22	21	4,061	19	6.74
Plasterers.....	4	1	400	3	6.00	4	497	4	5.50
Plumbers.....	4	3	769	3	9.57	4	990	3	9.42
Butchers and meat cutters.....	10	1	150	1	15.00	10	2,800	10	\$6.00
Cigar makers.....	23	17	2,106	17	\$15.70	23	2,639	23	15.78
Clerical trades.....	30	1	150	2	.....	30	2,764	30	\$3.34
Hotel, etc., waiters.....	3	1	150	1	\$3.60	3	196	3	4.50
Postoffice clerks.....	1	1	.....	1	.....	1	220	1	3.00
Railway clerks.....	1	1	.....	1	.....	1	640	1	7.20
Retail clerks.....	26	1	.....	1	2.00	25	1,708	25	2.99
Coopers.....	7	5	311	5	\$3.30	7	896	6	\$3.50
Electrical workers.....	4	3	414	4	12.30	7	1,053	4	14.42
Elevator constructors.....	2	1	111	1	7.00	2	805	2	7.10
Garment workers.....	32	6	555	7	\$6.14	32	7,425	32	\$4.60
Cutters.....	1	1	15	1	\$6.00	1	200	1	\$6.00
Garment makers.....	4	.....	.....	1	3.00	4	738	4	4.00
Garment workers, special order.....	19	.....	.....	.....	.....	19	5,550	19	3.54
Tailors.....	8	5	540	5	6.80	8	937	8	7.25
Glass blowers.....	6	4	796	2	\$4.50	6	1,464	4	\$4.50
Hoisting engineers.....	15	5	213	4	5.50	15	426	15	12.78
Iron trades.....	39	18	2,958	20	\$3.74	39	7,548	27	\$3.45
Architectural workers.....	7	1	126	4	\$6.75	7	1,030	7	\$7.30
Boilermakers.....	8	3	590	2	6.00	7	1,120	8	6.00
Bridge workers, structural.....	1	1	763	1	6.00	1	1,104	1	9.00
Iron molders.....	12	8	931	8	11.12	13	2,220	10	11.65
Iron, tin and steel workers.....	2	1	102	1	18.00	2	115	2	18.00
Metal polishers.....	2	.....	.....	.....	.....	2	263	2	4.50
Sheet metal workers.....	4	3	360	3	6.40	4	401	4	6.30
Stove mounters.....	2	1	25	1	3.60	2	78	2	6.00
United metal workers.....	1	.....	.....	.....	.....	1	225	1	6.00

Table No. 22—Concluded.

TRADES AND INDUSTRY.	Number of unions.	YEARLY COST PER MEMBER TO MAINTAIN ORGANIZATION.							
		1897				1901			
		Unions reporting membership.	Number of members.	Unions reporting cost.	Average cost per member.	Unions reporting membership.	Number of members.	Unions reporting cost.	Average cost per member.
Leather workers	3	.....	.....	.....	.....	2	519	2	\$12 00
Letter carriers	6	5	656	6	\$3 45	6	1,393	6	5 25
Machinists	23	13	1,510	16	8 55	73	2,555	23	10 24
Miners (U. M. W. A.)	61	30	4,702	33	4 72	60	9,323	60	6 59
Musicians	3	1	40	1	2 00	3	2,143	3	4 67
Printing trades	24	16	4,653	15	\$9 31	24	6,352	24	.....
Pressmen	14	9	4,187	11	\$8 36	14	5,847	14	\$8 14
Stereotypers	1	1	90	1	6 00	1	120	1	12 00
Typographical	9	6	376	6	11 60	9	385	9	10 92
Railroad employees	68	52	3,911	54	\$5 95	67	10,319	68	\$6 18
Conductors	13	8	951	9	\$5 33	11	1,288	12	\$5 50
Engineers	17	17	787	17	6 50	17	935	17	6 53
Firemen	17	17	1,234	17	4 06	17	1,457	17	4 04
Freight handlers	5	.....	.....	.....	.....	5	4,162	5	6 00
Switchmen	7	1	14	1	6 00	7	1,139	7	7 98
Trainmen	10	9	925	10	8 80	10	1,338	10	8 80
Stationary firemen	2	1	35	1	\$6 00	2	300	2	\$6 50
Steam engineers	3	2	963	2	6 00	3	2,115	3	6 00
Steamfitters	2	2	650	2	9 20	2	800	2	9 20
Street car employes	6	.....	.....	.....	.....	5	5,125	6	6 00
Team drivers	14	1	90	3	5 00	14	15,718	13	6 08
Vessel unloaders	6	6	1,683	5	4 60	6	5,119	5	4 76
Wood block pavers	3	2	166	3	6 67	3	411	3	6 67
Wood workers	15	8	2,421	7	6 00	15	3,935	13	6 45
Miscellaneous	27	15	3,153	14	\$5 85	27	6,113	25	\$6 42
Bill posters and billers	1	.....	.....	.....	.....	1	130	1	\$6 00
Box making and sawing	1	1	350	.....	.....	1	500	.....	.....
Brush makers	1	1	80	1	\$4 80	1	85	1	4 80
Chandelier makers	1	.....	.....	.....	.....	1	87	1	8 00
Cloth hat and cap makers	1	1	75	1	6 00	1	125	1	6 00
Drainage layers and helpers	1	.....	.....	.....	.....	1	35	1	3 00
Egg inspectors	1	.....	.....	.....	.....	1	235	1	6 00
Felt hatters	1	1	53	.....	.....	1	60	.....	.....
Glove makers	1	.....	.....	.....	.....	1	285	1	3 00
Gold beaters	1	1	52	1	4 20	1	64	1	4 20
Granite cutters	1	1	36	1	6 00	1	51	1	6 00
Horse nail makers	1	.....	.....	.....	.....	1	678	1	4 50
Horseshoers	1	1	700	1	6 00	1	611	1	6 00
Laundry workers	1	.....	.....	.....	.....	1	10	1	6 00
Mattress makers	1	1	170	1	6 00	1	330	1	6 00
Parquet floor makers	1	.....	.....	.....	.....	1	120	1	3 00
Pattern makers	1	1	25	1	8 40	1	300	1	12 00
Photo engravers	1	.....	.....	1	12 00	1	366	1	12 00
Railroad telegraphers	1	.....	.....	.....	.....	1	489	1	6 00
Rubber workers	1	.....	.....	.....	.....	1	307	1	6 00
Stone cutters	1	1	850	1	3 00	1	300	1	10 00
Stone derrickmen	1	1	100	1	4 50	1	120	1	6 00
Stone planers	1	1	60	1	3 00	1	61	1	3 00
Theatrical stage employes	1	1	200	1	6 00	1	251	1	6 00
Traveling salesmen	1	1	300	.....	.....	1	373	1	12 00
Watch case engravers	1	.....	.....	1	6 00	1	20	1	6 80
Type foundry	1	1	102	1	6 00	1	120	1	9 00

This table shows the number of unions reporting membership; the number of members and the unions reporting the cost to each member for the two years, 1897 and 1901, also the average cost for each of these years for the whole number reporting.

INSURANCE.

The returns from unions as to the insurance of members in and by the different organizations are very meager. However, the following table presents the returns by trades and locations as far as received.

TABLE No. 23—*Insurance in Organizations.*

TRADES AND LOCATION.	Number of unions.	INSURANCE.				
		Year adopted.	Number insured.	Amount of insurance granted to each member.	Total out-standing to members.	Cost to each member per year.
Totals.....	143		25,259			
Bakers & confectioners.	1					
Alton		1895	5	\$100		\$5 00
Barbers.....	1					
Peoria		1891	77	50	\$3,850	\$7 20
Boot and shoe makers...	2		1,414			
Dixon		1898	114	\$50 200		
Chicago		1899	1,300	50 200	\$180,000	\$13 00
BUILDING TRADES.	16					
Bricklayers	1					
Springfield.....		1898	50	\$75		*
Carpenters and joiners..	9		750			
Murphysboro		1900				
Collinsville		1881	50	\$300	\$15,000	\$5 00
Pekin		1881	75	\$100 400		2 40
Kewanee		1900	50	100 400		
Centralia			108	200		6 00
Rockford				25 400		6 00
Elgin		1881	50	50 400		2 40
East St. Louis		1886	\$25	200	65,000	6 00
Alton		1898	97	200	19,400	10 80
Lathers.....	1					
Joliet		1902	15	\$100	\$1,500	†
Painters	4		189			
Elgin			60	\$150	\$9,000	\$1 20
Ottawa		1900	35	\$50 150	3,850	1 20
Joliet		1894	54	100 150	7,500	
Chicago		1895	40	100		
Plasterers	1					
Joliet			12	\$50	\$500	\$50

* At death of member, \$1.70.

† Assessment plan.

Table No. 23—Continued.

TRADES AND LOCATION.	Number of unions.	INSURANCE.				
		Year adopted.	Number insured.	Amount of insurance granted to each member.	Total out-standing to members.	Cost to each member per year.
Cigar makers	23	.....	263			
Belvidere .....		.....	51	\$50 \$200 \$350 \$550		
Alton		1886		50 200 350 550		
Kewanee .....		.....		50 200 350 550		
Centralia .....		.....		50 200 350 550		\$10 40
Chicago		1885		50 200 350 550	\$10,000	
Kankakee .....		.....		50 200 350 550		
Streator		1886	34	50 200 350 550		
Canton .....		.....		50 200 350 550		
Murphysboro .....		.....		50 200 350 550		
Springfield		1880		50 200 350 550	18,400	10 40
Ottawa .....		.....		50 200 350 550		
Danville .....		.....		50 200 350 550		
Chicago .....		.....		50 200 350 550		
do .....		.....		50 200 350 550		
do .....		.....		50 200 350 550		
do .....		.....		50 200 350 550		
Pekin .....		.....		50 200 350 550		
Peoria		1881	112	50 200 350 550	188,000	8 00
Havanna		1884	12	50 200 350 550	2,700	5 00
Blue Island		1889	26	50 200 350 550		
Chicago		1889	28	50 200 350 550		
Decatur		1881		50 200 350 550		2 40
Bloomington .....		.....		50 200 350 550		
Retail clerks	5	.....	230			
Centralia		1900	56		\$100	50 to 1 00
Kewanee		1888	60		100	1 00
Murphysboro		1889			100	2 00 to 4 00
Alton .....		.....	86		100	75
Aurora .....		.....	29		100	\$2,900
Electrical workers	1	.....			
Chicago		1897	300	\$100	\$30,000	
Tailors	1	.....			
Champaign		1890	20	\$25 \$100	\$1,200	\$40
Glass blowers	3	.....	622			
Upper Alton		1891	316	\$500	\$158,000	
Belleville		1888	168	500	84,000	
East St. Louis		1901	78	500	39,000	\$6 00
Hoisting engineers	1	.....			
Murphysboro		1892	600			
Iron molders	2	.....	100			
Belleville		1895		\$100 \$200	\$5,000	\$7 00
Rock Island		1897	100		5,000	7 00
Metal polishers	1	.....			
Belleville .....		.....	24	\$100		\$3 00
Sheet metal workers	3	.....	48			
Elgin		1901		\$50 \$100 \$150		
Evanston		1902	16	50 100 150		
Quincy		1901	32	100 160 170		
Leather workers	1	.....			
Chicago .....		.....		\$40 \$60 \$100 \$200		

Table No. 23—Continued.

TRADES AND LOCATION.	Number of unions.	INSURANCE.				
		Year adopted.	Number insured.	Amount of insurance granted to each member.	Total outstanding to members.	Cost to each member per year.
Letter carriers.....	5	.....	22			
Streator	1893	6	\$3,000	\$18,000	\$12 00 to
Mattoon.....	1891	1	\$1,000 \$1,000 2,000	2,000	25 00
Peoria.....	1894	10	1,000 2,000 2,000	120,000	19 10
Belleville.....	25 00
Chicago.....	1893	5	1,500 2,000	9,000	9 72 to
.....	1891	.....	1,000 2,000 2,000	5,000	16 12
Machinists	3	.....	181			
Aurora.....	1900	140	\$100 \$200		
Belleville.....	41	50 100		
Chicago.....			
Miners—coal.....	2	.....	261			
Birkner Station.....	1901	61	\$100		\$1 00
New Baden.....	1901	200	80		7 00
Pressmen.....	1	.....	10	\$80 \$800		
Kewanee.....	1897	10			
RAILROAD EMPLOYEES..	58	.....			
Conductors.....	12	.....	1,171			
Galesburg.....	1893	.....	\$1,000 \$2,000 \$2,000		\$16 00 †
Aurora.....	75	1,000 2,000 2,000	\$12,000	16 00
Rock Island.....	1891	56	1,000 2,000 2,000	108,000	18 00
Peoria.....	1893	.....	1,000 2,000 2,000	11,500	16 00
Clinton.....	29	1,000 2,000 2,000		16 00
Alton.....	1878	.....	1,000 2,000 2,000	48,000	15 00
Chicago.....	1874	124	1,000 2,000 2,000		16 00
Blue Island.....	1874	275	1,000 2,000 2,000		
Chicago.....	375	1,000 2,000 2,000	50,000	15 00
do.....	1874	104	1,000 2,000 2,000		16 00
Mattoon.....	1895	61	1,000 to 5,000	100,000	48 00
Peoria.....	1893	72	1,000 2,000 2,000	76,000	16 00
Engineers	17	.....	781			
Clinton.....	54	\$1,500 \$2,000 \$4,500	\$102,000	\$17 70 †
Blue Island.....	1899	35	1,500 2,000 4,500		24 00
Chicago.....	1899	35	1,500 2,000 4,500	80,500	24 00
do.....	1897	41	1,500 2,000 4,500	82,500	29 00
do.....	1899	66	1,500 2,000 4,500		24 00
do.....	1899	41	1,500 2,000 4,500		24 00
do.....	1899	47	1,500 2,000 4,500		24 00
do.....	1899	36	1,500 2,000 4,500		24 00
do.....	1899	75	1,500 2,000 4,500		24 00
do.....	1899	42	1,500 2,000 4,500		24 00
do.....	1899	51	1,500 2,000 4,500		24 00
do.....	1899	37	1,500 2,000 4,500		24 00
do.....	1899	35	1,500 2,000 4,500		24 00
do.....	1899	63	1,500 2,000 4,500	125,000	24 00
Murphysboro.....	1899	57	1,500 2,000 4,500	141,000	16 00
Peoria.....	1894	26	1,500 2,000 4,500	47,750	16 00
do.....	1896	40	1,500 2,000 4,500	70,000	

† Per \$1,000.

Table No. 23—Continued.

TRADES AND LOCATION.	Number of unions.	INSURANCE.				
		Year adopted.	Number insured.	Amount of insurance granted to each member.	Total out- standing to mem- bers.	Cost to each member per year.
Firemen.....	17		1,176			
East St. Louis.....		1874	62	\$500 \$1,000 \$1,500	\$85,000	\$20 00
Savanna.....		1873	58	500 1,000 1,500	6,500	24 00
Chicago.....		1892	25	500 1,000 1,500	27,500	24 00
.. do		1892	25	500 1,000	34,500	24 00
.. do		1892	60	500 1,000 1,500	60,000	24 00
Blue Island.....		1892	60	500 1,000 1,500	75,500	24 00
Chicago.....				500 1,000 1,500	32,500	24 00
.. do				500 1,000 1,500	91,000	24 00
.. do				500 1,000 1,500	37,500	24 00
.. do		1892	66	500 1,000	63,000	24 00
.. do		1892	30	500 1,000	25,000	24 00
.. do		1892	210	500 1,000	205,000	24 00
.. do		1892	230	500 1,000	215,000	24 00
.. do		1892	180	500 1,000	140,000	24 00
.. do		1892	30	500 1,000	40,000	24 00
.. do		1892	140	500 1,000	155,000	24 00
Peoria.....		1881		500 1,000 1,500	135,000	16 00
Switchmen.....	2		112			
Joliet.....		1901	90	\$600 \$1,200	\$84,000	\$20 00
Savanna.....		1901	22	600 1,200	23,400	20 00
Trainmen.....	10		1,324			
Chillicothe.....		1869	46	\$400 \$800 \$1,200	\$48,000	\$30 00
Chicago.....		1883	184	400 800 1,200		
.. do		1883	360	400 800 1,200		
.. do		1883	65	400 800 1,200		
.. do		1883	250	400 800 1,200		
.. do		1883	131	400 800 1,200		
Blue Island.....		1883	80	400 800 1,200		
Chicago.....		1883	40	400 800 1,200		
.. do		1883	87	400 800 1,200		
Peoria.....		1888	81	800 1,000 1,200	91,000	16 00
Team drivers.....	8		14,530			
Chicago.....			730	\$100	\$73,000	*
.. do			900	100	90,000	*
.. do			1,400	100	140,000	*
.. do			600	100	60,000	*
.. do			6,000	100	600,000	*
.. do			4,000	100	400,000	*
.. do			900	100	90,000	*
.. do		1901	1,000	100	100,000	*
Wood workers.....	1					
Rock Falls.....			22	\$150		\$1 80
MISCELLANEOUS.			950			
Bill posters.....	1					
Chicago.....		1900	130	\$50	\$75	\$50
Box makers and sawyers	1					
Chicago.....		1882	500	100	5,000	
Stone cutters.....	1					
Chicago.....		1868	300	1,000	30,000	3 00
Watch case engravers...	1					
Chicago.....		1900	20			20

* Taken out of dues.

† \$20 per 1,000.

‡ \$16 per 1,000.

It will be seen that the plan for the insurance of members of some of the trades or industries, has been in vogue for more than 30 years. Reference is had to the locomotive firemen. It will be seen that the different unions of railroad employes give the most complete returns. They show 4,564 members insured. The team drivers report 15,530 members insured, the premiums for this insurance is included in the annual dues. In all 142 unions report having the insurance feature in their organization, 112 of these report 26,459 members carrying insurance in amounts ranging from \$2,500 to \$5,000. The railroad and letter carriers are insured in the largest amounts of any unions reporting.

CONVICT LABOR.

The following question was submitted to the unions:

"In what manner, if any, does the present product of convict labor in this State interfere or come in competition with your trade?"

Of the 592 unions, representing 90 industries, located in 124 cities, 439 or 74 per cent make answers to the question. Some of the answers are quite extended on the subject and are published in this connection; many others are confined simply to "yes" or "no." A careful canvass of the answers revealed that 406 unions answered "no" and that 33 answered "yes."

The following are some of the answers:

Coal Industry—"Convict labor of this State does not come in direct competition with our trade, but it does indirectly, owing to the fact that it takes away the labor from other classes, thereby compelling them to drift into the different trades and industries of the State."

"While convict labor does not come in direct competition with the miner, we do not approve of the system, and it certainly does come in competition with other classes of labor that are dependent on what the miners produce."

Iron Workers—"Hollow ware is the only part of the business that I know of that comes in contact with our trade."

"The convict labor hurts our trade very much; in fact, there is only one foundry now making hollow-ware, where before every foundry that made stoves would make their own hollow-ware. Now foundries can buy hollow-ware cheaper than they can make it."

"We do not know of any direct competition by convict labor unless in the handling of manufactured tinware, etc."

Railroad Employes—"Convict labor does not compete directly, only as the prosperity of other labor is affected. Our members are all opposed to the products of convict labor being sold in competition with the products of free labor. Put the convicts at work making good roads for the benefit of the farmers, and thus benefit all."

Street Car Employés—"Convict labor does not concern us directly; though if there was no convict labor there would be more employment for worthy men."

Barbers—"Referring to convict labor, will say that it does hurt us as conducted in the Illinois State Reformatory. They have a ten-chair shop, where they teach the trade, then let workmen out at \$5.00 or so a month, thus taking good men's jobs. Of course we do not allow the members here or the union shops to employ them, but outsiders hire them. Then they have a two-chair shop, where they serve the officers free. Of these there are about 250, and that cuts into our business."

Building Trades—"As long as the product of convict labor is made and sold for profit, so long will it continue to do injustice to free labor, organized or unorganized."

"All organized labor opposes convict-labor products that come in competition in the markets. We think the New York law is better than any so far tried."

Brooms—"Convict labor comes in direct competition with ours. In placing prison-made brooms on the market, the outside manufacturers cannot compete successfully, as prison-made brooms cost nearly nothing. The prison-made brooms are never sold as such. Prison shops all have offices and give that as their address, and use dummy agents to sell to the public institutions. They also sell to jobbing houses, and they place their labels on the brooms. The State pays union wages to the blind men employed at the Industrial Home for the Blind, and then hire the convicts to a contractor to make brooms for 20 cents per day, and place the product on the market in competition with their own brooms for which they have paid union wages."

Cigars—"Convict-made cigars are choking the Chicago market. They come from the Michigan penitentiary, and bear factory numbers, 14th-15th District of Michigan. They are sold below the lowest Chinese or tenement house goods and demoralize the market."

"Convict labor in this trade is a detriment, as the employer of said labor can undersell a legitimate manufacturer who pays regular prices for labor, thereby depriving a good many out of employment. These goods are taken up by the unscrupulous manufacturer, who pays about \$4.00 per month less than the union manufacturer, throwing these goods on the market at a rate much less than a union manufacturer can afford. If there were no prison-made cigars there would be more chances for a legitimate manufacturer. We have hopes that in the course of time there will be a general demand for union-made cigars, bearing the union label."

"Convict labor is a menace to this and every other city and town. Prison-made goods are made cheaper than others, hence they can be wholesaled cheaper, then sold to the consumer at a lower figure than any other. Union men, as a rule, will not patronize a merchant who handles prison-made goods; but there is a class of people who look at the price, not at the quality of an article; so of course if the prison-made goods are kept on the market they impede the sale of honest goods."

The cry of the misinformed taxpayer, echoing the plea of the lessee and the contractor, that prisons should be self supporting, has, until quite recently, been successfully employed in retarding the great work of prison reform. If the system stands condemned because of the opportunities it denies to the convicts, what of the free interests that are injuriously affected on account of the manner of their employment, and the disposition of their products? Can any modern State approve of a policy that punishes any portion of our industrial society simply that a few dollars might be realized from the labor of those who have broken its laws?

Upon this the most important phase of the question is there room for a civilized doubt?

The plea is advanced by the apologists for existing systems that the percentage of prison products compared with that for the entire country is so small as not to be injurious. This idea is entirely erroneous for the reason that it is not the volume but the price at which any given product is placed upon the market, that injures free industry. In every investigation of this subject, and they have been numerous, this fact has been certified to by manufacturers and wage earners, and from their standpoint is the main reason why present plans of prison employment should be abandoned. Illinois, the third greatest manufacturing State in the world, sustained the complete loss of one industry in consequence of the ruinous competition of prison labor.

It is now proposed to adopt a plan that will eliminate the competition of prison made goods with free labor in the open market by providing for the employment of convicts in the production of goods for the use of the State or any political division thereof. The attitude of organized labor in this respect is an eminently fair one. Its leaders declared that in justice to the interests of various trades the system of contracting the labor of convicts and selling their products in open competition should be discontinued. They further demand that the prisoners should be kept employed in useful and productive industries, and, that as far as practicable, all labor saving machinery should be removed from the prisons. These requests constituted the subject of discussion at several conferences called at the instance of Governor Yates, to whose intelligent interest and courageous recommendations in his recent message to the present General Assembly, is principally due the progress already made in the work of repealing the present system.

A measure embodying substantially all the requests of our wage workers passed the House on Thursday last without a single negative vote, and the prospects are that it will receive the unanimous indorsement of the Senate, and later the hearty approval of our Chief Executive. Time will permit but a brief consideration of its provisions. It embraces the best features of the Pennsylvania and New York laws, and is practically a duplicate of the act recommended by the National Industrial Commission. No more effective atonement could be made for past remissions than by enacting the pending measure. It is generally conceded that the public account system is superior to that of the lease, the piece price, and contract methods, for the reason that it is best adapted to accomplishing the ends for which it was designed, viz.: The punishment and reformation of the criminal, and for the additional reason that under it the State has complete control, not only of the time, but what is equally important, the product of the convict's labor.

The fundamental objection to the three last mentioned plans from an industrial standpoint is, that each and all provide for the disposition of prison products on the open market in competition with free labor. It will also be admitted that no form of prison employment can wholly avoid either competition or displacement. Nevertheless it is the duty of the State to see to it that its prison population be employed in such a way as to minimize the injurious effects of their competition. The most advanced plan thus far adopted is that presented in the bill now being considered by the Illinois Legislature. This contemplates their employment in the manufacture and production of articles used by the State and its several sub-divisions. The small displacement thus affected will hardly be felt, while it will completely protect the wage schedules of free labor. In urging the adoption of this

policy the Industrial Commission recommended, in order to protect the States providing for the non-competitive system, the interdiction of interstate commerce in all goods in whole or in part the product of convict labor, and to protect those States whose legislatures have already provided for such methods, an amendment to the effect that all goods, minerals or materials, in whole or in part the product of convict labor, upon their arrival in any State, would become fully subject to its laws. This action on the part of the Federal Congress is necessary to complete the plan and thoroughly protect the States adopting this advanced legislation from the injury resulting from the competition of the prison products of neighboring States. No one questions the constitutional right of the Congress to enact such legislation. The Nation in a general sense is already committed to this policy through that provision of our present tariff law prohibiting the importation of any goods made in whole or in part by convict labor. Limited as we are in law making power, to the confines of our own State, the proposed legislation, in addition to easing our conscience, will remove one of the chief causes of complaint. It will recognize and protect the welfare of that class of our citizens whose continued and profitable employment makes possible the prosperity of the republic. It will serve notice on every progressive State and country that Illinois no longer countenances the policy of coming the labor of the convict to the detriment of his reformation. It will put it in the power of the prison management to teach the convicts hand trades that will enable them upon their release to earn an honest living. Through the multiplying wants of the various institutions, and political divisions, ample employment will be furnished. If the revenue from this system fails to meet the cost of maintenance, it is the clear duty of the State to make good the deficit. Better apply some of the proceeds of taxation in that way than longer expose ourselves to the just condemnation of society,

Under the administration of Governor Richard J. Oglesby the State abandoned the lease system and assumed control of its penal institutions. If the contract system, which seems probable is to be abolished now, there will be reserved in the future industrial history of the State a most distinguished place for the name of Governor Richard Yates.

Part III

STRIKES AND LOCKOUTS

STRIKES AND LOCKOUTS IN ILLINOIS FOR TWENTY YEARS, 1881-1900.

INTRODUCTORY.

The Fifth Biennial Report of the Bureau (1888) contained a record of the strikes and lockouts in the State for a series of six years from Jan. 1, 1881 to Dec. 31, 1886. This data was obtained from the National Bureau of Labor, Washington, D. C.

Recently the Commissioner of Labor, Washington, D. C., has issued the sixteenth annual report; it is devoted to strikes and lockouts in the United States for a period of 20 years, from Jan. 1, 1881 to Dec. 31, 1900. This report reproduces all the essential points contained in the former report, but eliminates much of the detailed statistics of individual disturbances; thus condensing the matter and giving only the important facts.

The following tables are compiled from the report of the National Bureau:

ABSTRACT OF TABLES.

TABLE No. 1—*Strikes in Illinois for 20 years—1881-1900.*

YEAR.	Total strikes.	ORDERED BY LABOR ORGANIZATION?		ESTABLISHMENTS.				DAYS UNTIL STRIKERS WERE RE-EMPLOYED OR PLACES FILLED BY OTHERS.	
		Yes.	No.	Number.	Number closed.	Aggregate days closed.	Average days closed.	Aggregate.	Average
Total	2,640	1,950	690	20,783	12,663	262,037	19.2	440,954	21.2
1881....	74	43	31	271	245	2,558	14.5	2,854	14.2
1882....	63	31	32	206	126	2,697	21.4	2,771	16.4
1883....	54	32	22	576	371	14,303	38.6	15,234	26.4
1884....	42	23	19	429	120	4,109	34.2	3,558	19.9
1885....	72	43	29	226	204	4,462	21.9	5,723	25.3
1886....	151	91	60	1,089	892	12,987	14.6	18,742	17.5
1887....	112	70	42	1,569	1,150	11,592	10.1	17,399	11.1
1888....	60	39	21	689	274	8,235	20.4	9,863	14.3
1889....	43	21	22	165	102	8,778	86.1	9,361	56.7
1890....	128	85	53	2,496	1,102	22,563	20.5	33,554	32.5
1891....	119	83	36	1,111	362	8,900	24.6	25,360	22.8
1892....	124	95	29	707	489	9,207	18.8	19,231	27.3
1893....	129	96	33	1,282	1,074	7,838	7.3	16,630	12.3
1894....	132	112	20	2,065	751	25,926	24.6	41,539	20.4

Table No. 1—Concluded.

YEAR.	Total strikes.	ORDERED BY LABOR ORGANIZATION ¹		ESTABLISHMENTS.				DAYS UNTIL STRIKERS WERE REEMPLOYED OR PLACES FILLED BY OTHERS.	
		Yes.	No.	Number.	Number closed.	Aggregate days closed.	Average days closed.	Aggregate.	Average
1886....	122	88	34	286	186	2,768	14.9	6,410	24.1
1886....	287	247	40	1,491	1,407	37,980	27.0	40,914	27.5
1887....	149	113	36	1,966	1,590	28,562	18.1	30,082	15.3
1888....	161	123	38	1,148	1,018	20,482	20.1	30,791	26.8
1889....	281	226	55	1,850	1,611	19,506	11.5	24,747	13.4
1890....	227	179	48	1,111	609	11,482	19.0	28,976	26.2

TABLE NO. 2—*Strikes in Illinois for 20 years—1881–1900.*

YEAR.	ESTABLISHMENTS IN WHICH STRIKES—			EMPLOYEES—		Loss to employers.
	Succeeded	Succeeded partly.	Failed.	Wage loss.	Assistance.	
Total.....	11,643	1,723	7,407	\$32,390,065	\$23,052,272	†\$26,652,943
1881.....	154	35	82	\$284,444	\$7,915	\$272,320
1882.....	116	9	81	695,648	11,040	403,201
1883.....	454	28	94	1,398,585	101,380	1,615,641
1884.....	359	.....	70	442,366	8,918	206,762
1885.....	106	10	110	1,190,921	15,648	337,340
1886.....	310	212	547	2,542,594	93,571	2,372,555
1887.....	544	29	966	1,002,676	50,576	396,248
1888.....	499	2	198	1,067,479	1,411,964	4,701,234
1889.....	25	71	59	1,299,740	29,619	399,663
1890.....	855	509	1,132	1,911,200	163,520	1,056,964
1891.....	851	32	223	1,680,013	93,376	661,774
1892.....	427	94	186	1,014,265	100,526	952,905
1893.....	1,047	154	181	1,096,594	35,767	527,620
1894.....	502	81	1,472	6,018,057	106,247	7,549,967
1895.....	125	44	87	1,110,067	17,568	394,847
1896.....	507	110	874	2,274,339	53,700	744,563
1897.....	1,586	8	422	1,005,043	35,376	289,820
1898.....	986	64	98	1,868,680	224,392	612,107
1899.....	1,623	76	151	2,034,908	126,371	750,257
1900.....	†597	†155	†259	1,812,416	345,519	2,057,155

* Not including 30 establishments not reported.

† Not including one establishment in which strike was still pending March 20, 1901.

TABLE NO. 3—*Strikes in Illinois for 20 years—1881-1900.*

YEAR.	EMPLOYEES BEFORE STRIKE.			Strikers.
	Male.	Female.	Total.	
Total.....	1,645,037	51,050	1,696,087	696,148
1881.....	20,342	380	20,722	16,061
1882.....	15,224	100	15,324	14,127
1883.....	21,256	45	21,401	20,091
1884.....	11,327	.....	11,327	7,599
1885.....	25,620	585	26,205	18,274
1886.....	116,467	2,772	119,239	99,890
1887.....	75,239	789	76,028	34,896
1888.....	108,661	779	109,440	14,396
1889.....	20,769	1,175	21,944	12,068
1890.....	135,734	2,291	138,125	55,172
1891.....	79,744	1,280	81,024	22,804
1892.....	68,081	965	69,046	19,729
1893.....	148,639	7,577	156,216	41,448
1894.....	321,290	4,946	326,236	79,452
1895.....	58,910	1,671	60,581	15,390
1896.....	68,912	8,763	77,675	39,069
1897.....	57,836	1,129	58,965	24,071
1898.....	62,032	2,404	64,436	26,364
1899.....	117,240	4,631	121,871	44,325
1900.....	101,364	6,708	108,072	28,300

TABLE No. 4—*Strikes in Illinois for 20 Years—1881-1900.*

YEAR.	EMPLOYEES THROWN OUT OF EMPLOYMENT BY STRIKE.			NEW EMPLOYEES AFTER STRIKE.			Brought from other places.
	Male.	Female.	Total.	Male.	Female.	Total.	
Total.....	821,559	19,040	850,599	67,370	1,259	68,629	31,446
1881.....	18,216	60	18,276	1,315	25	1,340	639
1882.....	14,708	100	14,808	1,365	.....	1,365	555
1883.....	20,136	45	20,181	1,952	15	1,967	1,384
1884.....	8,064	.....	8,064	869	.....	869	235
1885.....	31,645	425	32,070	2,598	78	2,671	1,532
1886.....	106,012	2,683	108,696	8,245	33	8,278	2,081
1887.....	44,735	212	44,948	2,698	7	2,695	1,282
1888.....	25,064	370	25,434	4,512	.....	4,512	1,532
1889.....	16,289	141	16,430	234	.....	234	90
1890.....	66,934	606	67,539	5,089	20	5,109	1,536
1891.....	31,719	252	32,071	1,622	23	1,656	624
1892.....	24,207	232	24,439	1,180	.....	1,180	540
1892.....	50,223	475	50,708	1,711	.....	1,711	609
1894.....	124,864	1,359	126,223	12,124	165	12,289	15,645
1895.....	25,744	372	26,116	2,740	10	2,750	192
1896.....	42,120	6,567	48,687	2,214	555	2,769	222
1897.....	22,061	270	22,331	1,696	20	1,706	181
1898.....	26,267	751	27,018	2,549	.....	2,549	536
1899.....	60,695	1,582	62,277	2,724	165	2,889	297
1900.....	49,025	2,329	51,354	1,677	174	2,051	118

TABLE No. 5—*Strikes in Illinois for 20 Years—1881-1900.*

INDUSTRIES.	Total strikes.	ORDERED BY LABOR ORGANIZATION.		ESTABLISHMENTS.			
		Yes.	No.	Number.	Number closed.	Aggregate d'ys closed.	Average days closed.
Total	2,640	1,950	690	20,782	12,653	262,037	19.2
Agricultural implements...	20	12	7	20	10	257	35.7
Boots and shoes.....	24	18	6	34	16	531	31.2
Brewing	3	2	1	30	.....	.....	.....
Brick	44	35	9	236	274	*9,149	*23.4
Building trades	821	776	45	10,257	7,442	85,271	11.5
Carriages and wagons.....	4	2	2	189	189	2,796	14.8
Clothing	67	56	11	1,142	910	*25,037	*26.5

Table No. 5—Concluded.

INDUSTRIES.	Total strikes.	ORDERED BY LABOR ORGANIZATION.		ESTABLISHMENTS.			
		Yes.	No.	Number.	Number closed.	Aggregate dy's closed.	Average days closed.
Coal and coke †	239	259	120	2,040	1,948	176,718	139.4
Cooperage	46	32	14	404	353	7,522	31.3
Cotton and woolen goods...	3	.....	3	3	2	16	8.0
Cotton goods	1	.....	1	1	1	31	31.0
Domestic service.....	31	15	13	228	53	182	3.4
Food preparations	65	43	22	1,399	70	551	7.9
Furniture.....	42	34	8	182	108	2,477	22.9
Glass.....	19	13	6	61	26	1,258	48.4
Leather and leather goods.	15	14	1	27	15	465	31.0
Lumber	2	2	.....	151	151	2,252	14.9
Machines and machinery ††	66	54	12	477	353	10,323	29.3
Metal and metallic goods...	182	106	74	626	341	**4,265	**12.9
Musical instruments.....	17	16	1	17	5	231	46.2
Paper and paper goods.....	3	1	2	3	1	58	58.0
Pottery, earthenware, etc...	10	9	1	10	7	117	16.7
Printing and publishing....	71	57	14	191	71	236	3.3
Public ways construction...	25	16	19	29	27	140	5.2
Public works construction.	25	8	27	26	24	90	3.6
Railroad car building.....	22	7	15	24	7	110	15.7
Rope and bagging.....	1	.....	1	1	1	2	2.0
Rubber goods	3	.....	3	3	2	17	8.5
Shipbuilding, etc.....	12	3	9	21	9	206	34.0
Stone quarrying and cutti'g	65	46	19	475	377	11,019	20.2
Telegraph and telephone †.	9	2	7	11	.....	.....	.....
Tobacco.....	99	84	15	1,332	244	112,792	115.8
Transportation ††.....	225	91	134	478	312	1,702	5.5
Watches	7	1	6	7	2	6	3.0
Wooden goods.....	96	92	4	405	269	4,288	15.9
Woolen and worsted goods.	3	1	2	3	2	50	25.0
Miscellaneous	53	37	46	220	60	**602	**10.4

* Not including 1 establishment closed permanently.

† Not including 1 strike included in general strike of July 19, 1893, New York.

‡ Not including 1 strike included in general strike of July 4, 1897, Pennsylvania.

§ Not including 1 establishment not reported, 1 closed permanently and 1 in which strike was still pending March 20, 1901.

** Not including 2 establishments closed permanently.

†† Not including 2 establishments closed permanently and in 1 which department on strike closed permanently.

‡‡ Not including 4 establishments closed permanently.

§§ Not including 1 department not reported.

¶ Not including 29 establishments not reported.

TABLE No. 6—*Strikes in Illinois for 20 Years—1881-1900.*

INDUSTRIES.	DAYS UNTIL STRIKERS WHEN RE-EMPLOYED OR PLACES FILLED BY OTHERS.		ESTABLISHMENTS IN WHICH STRIKES—			EMPLOYEES—		Loss of employers
	Avere- rate.	Aver- age.	Succeeded.	Succeeded partly.	Failed.	Wage loss.	Assistance.	
Totals	440,964	21.2	11,648	1,738	7,407	\$32,390,095	\$3,063,273	\$36,663,943
Agricultural implements	590	29.0	5	2	13	\$444,504	\$39,870	\$145,060
Boots and shoes	964	28.4	6	2	26	\$06,570	13,935	217,910
Brewing	120	4.0	1	.....	29	52,200	2,092	10,150
Brick	*14,460	†42.0	161	79	106	1,295,582	16,835	453,102
Building trades	184,304	18.0	7,151	667	2,539	5,196,240	311,184	3,122,399
Carriages and wagons ...	2,132	16.6	178	1	10	79,630	2,573	61,650
Clothing	*40,327	*35.3	234	87	832	1,549,756	51,020	669,651
Coal and coke †	†96,664	†42.5	†541	†611	†987	9,278,651	††296,371	†2,730,326
Cooperage	8,432	20.8	306	20	79	190,260	42,228	123,784
Cotton and woolen goods	33	11.0	1	.....	2	491	.....	1,060
Cotton goods	31	31.0	.....	.....	1	9,500	.....	2,500
Domestic service	4,081	18.0	81	120	27	99,421	9,250	41,696
Food preparations	4,939	3.5	992	1	406	908,262	22,800	763,897
Furniture	4,459	24.5	37	32	113	611,730	23,955	394,590
Glass	1,657	27.2	29	4	28	431,122	92,800	157,125
Leather, leather goods...	1,064	39.4	4	8	15	189,909	17,726	246,943
Lumber	2,252	14.9	.....	1	150	270,096	150	200,500
Machines, machinery † ..	16,746	35.1	349	9	119	1,417,390	261,467	2,140,339
Metal and metallic goods.	††11,068	**17.8	209	94	223	3,120,257	86,636	1,856,638
Musical instruments	579	34.1	7	4	6	86,345	22,510	30,260
Paper and paper goods ..	80	26.7	1	.....	2	5,026	500	18,002
Pottery, earthenware, etc.	177	17.7	2	.....	8	35,411	170	14,575
Printing and publishing.	2,286	12.0	92	9	90	142,786	21,279	252,775
Public ways construction	227	5.8	21	5	13	35,712	175	17,435
Public works construct'n	171	4.8	19	2	15	46,483	1,500	19,403
Railroad car building	313	13.0	3	1	20	472,536	24,872	††24,960
Rope and bagging	2	2.0	.....	.....	1	84	.....	150
Rubber goods	23	7.7	2	.....	1	1,831	.....	1,575
Shipbuilding, etc	399	19.0	.....	6	15	141,786	4,000	56,636
Stone quarrying, cutting.	14,202	29.9	219	100	156	1,689,025	15,718	522,068
Telegraph, telephone † ..	65	5.9	3	.....	8	6,696	.....	6,770
Tobacco	††23,234	††18.9	557	18	687	417,156	84,638	203,063

Table No. 6—Concluded.

INDUSTRIES.	DAYS UNTIL STRIKERS WERE RE-EMPLOYED OR PLACES FILLED BY OTHERS.		ESTABLISHMENTS IN WHICH STRIKES—			EMPLOYEES—		Loss of employers
	Average.	Average.	Succeeded.	Succeeded partly.	Failed.	Wage loss.	Assistance.	
Transportation ††.....	3,844	8.0	153	35	300	\$3,103,967	\$1,437,960	\$11,518,849
Watches	43	6.0	2	1	4	9,298		7,300
Wooden goods.....	8,171	20.2	176	19	210	586,740	36,080	531,011
Woolen, worsted goods...	51	17.0	1		2	6,925		2,005
Miscellaneous	**1,797	**8.3	101	4	115	104,312	11,150	86,953

* Not including 1 establishment closed permanently.

† Not including 1 strike included in general strike of July 19, 1893, New York.

† Not including 1 strike included in general strike of July 4, 1897, Pennsylvania.

† Not including 1 establishment not reported, 1 closed permanently and 1 in which strike was still pending March 20, 1901.

** Not including 2 establishments closed permanently.

†† Not including 2 establishments closed permanently and in which department on strike closed permanently.

†† Not including 4 establishments closed permanently.

†† Not including 1 department not reported.

† Not including 29 establishments not reported.

TABLE NO. 7—*Strikes in Illinois for 20 Years—1881-1900.*

INDUSTRY.	EMPLOYEES BEFORE STRIKE.			Strikers.
	Male.	Female.	Total.	
Total.....	1,645,037	51,060	1,696,097	638,148
Agricultural implements	14,573	100	14,673	7,080
Boots and shoes	5,192	2,159	7,351	4,124
Brewing.....	1,370		1,370	548
Brick	25,402	100	25,502	20,743
Building trades.....	265,503	548	266,051	145,213
Carriages and wagons	2,930	123	3,053	2,441
Clothing.....	25,504	18,002	43,506	26,238
Coal and coke.....	186,984		186,984	186,876
Cooperage.....	8,284		8,284	7,878
Cotton and woolen goods	89	146	235	80
Cotton goods.....	96	180	276	130
Domestic service.....	12,871	5,208	18,079	8,970

Table No. 7—Concluded.

INDUSTRY.	EMPLOYES BEFORE STRIKE.			Strikers.
	Male.	Female.	Total.	
Food preparations	195,467	7,231	202,698	46,455
Furniture	19,766	290	20,056	12,066
Glass	12,029	.....	12,029	4,065
Leather and leather goods	4,901	394	5,195	2,698
Lumber	12,016	.....	12,016	8,016
Machines and machinery	57,536	7	57,543	19,241
Metal and metallic goods	123,879	2,712	141,591	37,964
Musical instruments	8,325	1	8,326	1,068
Paper and paper goods	125	147	282	173
Pottery, earthenware, etc	1,226	.....	1,226	637
Printing and publishing	21,601	2,177	23,798	3,577
Public ways construction	8,656	.....	8,656	3,833
Public works construction	5,635	.....	5,635	4,274
Railroad car building	46,425	650	46,065	9,025
Rope and bagging	50	40	90	10
Rubber goods	555	150	705	147
Shipbuilding, etc	8,023	3	8,026	2,045
Stone quarrying and cutting	22,618	8	22,626	24,869
Telegraph and telephone	5,960	515	6,465	276
Tobacco	10,261	1,563	11,824	8,734
Transportation	422,094	1,968	424,062	54,960
Watches	2,915	2,511	5,426	1,177
Wooden goods	29,196	120	29,306	21,263
Woolen and worsted goods	178	142	320	66
Miscellaneous	42,909	2,857	46,766	9,661

TABLE No. 8—*Strikes in Illinois for 20 Years—1881-1900.*

INDUSTRY.	EMPLOYEES THROWN OUT OF EMPLOYMENT BY STRIKE.			NEW EMPLOYEES AFTER STRIKE.			Brought from other places.
	Male.	Female.	Total.	Male.	Female.	Total.	
Total	831,559	19,040	850,599	67,370	1,250	68,620	31,446
Agricultural implements.....	10,543	100	10,553	1,846	15	1,861	930
Boots and shoes.....	2,415	1,607	4,022	190	45	235	25
Brewing	548	.....	548	381	.....	381	313
Brick	22,877	100	22,977	1,670	.....	1,670	193
Building trades	177,707	20	177,727	12,582	.....	12,582	2,189
Carriages and wagons.....	2,685	28	2,633	169	.....	169	75
Clothing	16,907	12,906	29,902	1,197	630	1,827	69
Coal and coke	174,654	.....	174,654	5,533	.....	5,533	2,476
Cooperage	7,938	.....	7,938	665	.....	665	413
Cotton and woolen goods.....	14	116	130	2	25	27	.....
Cotton goods	96	180	275	.....	10	10	.....
Domestic service.....	8,669	88	8,977	708	25	733	150
Food preparations	66,566	750	67,318	2,574	85	2,659	696
Furniture.....	14,728	55	14,783	1,406	.....	1,406	588
Glass.....	7,180	.....	7,180	125	.....	125	25
Leather and leather goods	2,512	.....	2,512	367	.....	367	215
Lumber.....	12,016	.....	12,016	.....	.....	.....	.....
Machines and machinery.....	29,498	.....	29,498	1,558	.....	1,558	246
Metal and metallic goods.....	59,814	1,061	60,865	5,087	150	5,207	1,781
Musical instruments	1,162	.....	1,162	120	.....	120	30
Paper and paper goods	71	102	173	28	75	101	20
Pottery, earthenware, etc	1,065	.....	1,065	150	.....	150	.....
Printing and publishing	8,123	180	8,312	932	30	1,022	633
Public ways construction	4,234	.....	4,234	756	.....	756	228
Public works construction	4,653	.....	4,653	717	.....	717	300
Railroad car building.....	9,658	100	9,758	901	20	921	21
Rope and bagging	50	40	90	.....	.....	.....	.....
Rubber goods	167	30	197	.....	.....	.....	.....
Shipbuilding	3,550	.....	3,550	437	.....	437	100
Stone quarrying and cutting.....	27,527	.....	27,527	2,227	.....	2,227	616
Telegraph and telephone.....	291	.....	291	221	.....	221	25

Table No. 8—Concluded.

INDUSTRY.	EMPLOYES THROWN OUT OF EMPLOYMENT BY STRIKE.			NEW EMPLOYES AFTER STRIKE.			Brought from other places.
	Male.	Female.	Total.	Male.	Female.	Total.	
Tobacco.....	9,048	383	9,430	1,119	3	1,123	688
Transportation.....	106,808	1	106,804	20,178	.....	20,178	16,212
Watches.....	763	415	1,177	89	25	64	14
Wooden goods.....	25,743	120	25,863	2,286	45	2,331	15
Woolen and worsted goods.....	120	123	243	25	8	33	15
Miscellaneous.....	9,497	668	10,165	1,114	59	1,173	47

TABLE No. 9—Causes, Etc., of Strikes in Illinois for Twenty Years—1881-1900.

Cause or Object.	Estab- lish- ments.	Suc- ceeded	Suc- ceeded partly.	Failed.
Total, 239 causes.....	20,783	11,643	11,733	17,407
Against adoption of proposed scale.....	2	.....	.....	2
Against agreement made by employers not to sell union brick to establishments in which strike was pending.....	26	26	.....	.....
Against alleged discrimination in favor of certain employes..	3	2	.....	1
Against alleged discrimination in favor of certain employes. and obnoxious rules.....	1	.....	.....	1
Against alleged discrimination in favor of foreign labor.....	1	1	.....	.....
Against alleged excessive docking for slate and dirt sent out with coal.....	1	.....	.....	1
Against alleged excessive fines.....	1	1	.....	.....
Against alleged short weight of coal.....	5	3	.....	2
Against appointment of yard master.....	12	.....	.....	12
Against apprentices doing journeymen's work.....	1	.....	.....	1
Against apprentices doing journeymen's work and employ- ment of non-union men.....	1	1	.....	.....
Against being assessed to pay company physician.....	1	1	.....	.....
Against being compelled to board with employer and for re- duction of hours and recognition of union.....	350	350	.....	.....
Against being compelled to contribute to sick and death ben- efit fund.....	1	1	.....	.....
Against being compelled to correct alleged imperfect work..	1	1	.....	.....
Against being compelled to give certificate of character and bond releasing employer from damages in case of accident to employes.....	1	.....	.....	1
Against being compelled to pay shop rent.....	5	5	.....	.....
Against being compelled to put tags on work.....	1	1	.....	.....
Against bricklayers doing housewren's work.....	1	.....	.....	1
Against certain daily tasks.....	1	1	.....	.....
Against change from day to per-cent-of-sales system of pay- ment.....	1	.....	.....	1
Against change from day to piece work.....	12	9	.....	3
Against change from piece to day work.....	6	2	.....	4
Against change in method of digging coal.....	2	.....	.....	2
Against change in method of doing work.....	1	.....	.....	1
Against change in method of piece payment.....	3	3	.....	.....
Against change of coal screen.....	10	8	.....	2
Against change of coal screen and for increase of wages.....	1	.....	1	.....

Table No. 9—Continued.

Cause or Object.	Estab- lish- ments.	Suc- ceeded	Suc- ceeded partly.	Failed.
Against change of pay day.....	2	.....	.....	2
Against change of rules.....	2	1	.....	1
Against clause in contract which prevented employes from working for contractors not members of master's associa- tion.....	500	500	.....	.....
Against company establishing maximum weight for car load of coal.....	1	.....	.....	1
Against discharge of employes.....	12	3	1	8
Against discharge of employes and for increase of wages.....	1	.....	.....	1
Against discharge of employes, foremen, etc.....	11	1	.....	10
Against discharge of union employes.....	6	4	.....	2
Against double-header freight trains.....	1	.....	.....	1
Against driver being compelled to pay for mule killed by ac- cident.....	1	1	.....	.....
Against employes being allowed to work at other than their regular trades.....	24	25	.....	8
Against employer and superintendent doing miner's work.....	1	1	.....	.....
Against employers doing journeymen's work.....	21	21	.....	.....
Against employment of additional apprentices.....	6	2	.....	4
Against employment of boy alleged to have been exposed to smallpox.....	1	1	.....	.....
Against employment of colored men.....	1	.....	.....	1
Against employment of men belonging to different labor or- ganisation.....	5	5	.....	.....
Against employment of men not in good standing in union.....	1	1	.....	.....
Against employment of non-union foreman.....	3	2	.....	1
Against employment of non-union inspector.....	1	1	.....	.....
Against employment of non-union men.....	451	251	.....	100
Against employment of non-union men and for increase of wages and reduction of hours.....	9	7	.....	2
Against employment of non-union men and for recognition of union.....	1	.....	.....	1
Against employment of non-union men and for reinstatement of discharged employes.....	1	1	.....	.....
Against employment of non-union men and increase of hours.....	1	1	.....	.....
Against employment of non-union men, foremen, etc.....	10	4	.....	6
Against employment of obnoxious person.....	1	1	.....	.....
Against extra work without extra pay.....	9	5	.....	4
Against fines for imperfect work.....	3	2	.....	1
Against fines for imperfect work and reduction of wages.....	1	.....	.....	1
Against firm supplying material to establishment in which strike was pending.....	1	1	.....	.....
Against firm supplying material to non-union establishment.....	53	16	.....	36
Against firm withholding wages to pay union assessments of delinquent employes.....	1	.....	.....	1
Against handling cars of road on which strike was pending.....	7	1	.....	6
Against helpers doing journeymen's work.....	1	.....	.....	1
Against increase of amount of work required to be done.....	3	1	.....	2
Against increase of brushing in coal mine.....	2	.....	.....	2
Against increase of force.....	3	2	.....	.....
Against increase of hours.....	119	25	.....	94
Against increase of hours and reduction of wages.....	151	8	44	129
Against introduction of fare boxes and discharge of con- ductors.....	1	1	.....	.....
Against introduction of machinery.....	25	21	.....	4
Against laborers doing journeymen's work.....	30	29	.....	1
Against loading Lake Shore cars.....	1	.....	.....	1
Against mine filling orders for another mine in which strike was pending.....	1	1	.....	.....
Against miners being compelled to pay for cotton and oil used.....	9	8	.....	1
Against miners being compelled to remove loaded cars.....	1	.....	.....	1
Against non-union electrical workers doing union gasfitters' work.....	1	1	.....	.....
Against obnoxious rules.....	9	6	.....	3
Against obnoxious rules and reduction of wages.....	304	204	.....	.....
Against one contractor on job employing non-union men in another city.....	3	3	.....	.....
Against order to search head waiter accused of stealing.....	1	.....	.....	1
Against overcharge for supplies, powder, tools, etc.....	2	.....	1	1
Against patent matter.....	2	.....	.....	2
Against performing work for another establishment in which lockout was pending.....	1	1	.....	.....
Against performing work for another establishment in which strike was pending.....	15	7	.....	8
Against performing work out of regular occupation.....	3	2	.....	1

Table No. 9—Continued.

Cause or Object.	Estab- lish- ments.	Suc- ceeded	Suc- ceeded partly.	Failed.
Against poor quality of material	2	1		2
Against reduction of force and wages	28		28	1
Against reduction of hours and wages	1			1
Against reduction of wages	1,010	3/2	314	324
Against reduction of wages and alleged discrimination against union men	1	1		
Against reduction of wages and boys doing men's work	1		1	
Against reduction of wages and discharge of employés, fore- men, etc.	1	1		
Against reduction of wages and employment of non-union men	6	6		
Against reduction of wages and for privilege of organizing union	1			1
Against reduction of wages and reduction of hours and weekly payment	2			2
Against reduction of wages and regular payment	1	1		
Against reduction of wages and for reinstatement of dis- charged employés	1			1
Against reduction of wages and for weekly payment	4		4	
Against reduction of wages and laborers doing journeymen's work	5	5		
Against reduction of wages and signing away rights under State law	1		1	
Against reduction of wages and to compel employer to sign union contract	24		24	
Against reduction of wages and violation of apprenticeship rules	1	1		
Against retention of part of wages	1			1
Against retention of part of wages as guarantee	2	1		1
Against sale of non-union cigars	5	3		2
Against signing agreement not to demand increase of wages ..	1	1		
Against signing contract releasing firm from liability in case of accident	1			1
Against signing contracts	1	1		
Against stonecutters doing bricklayers' work	1	1		
Against subcontracting	1			1
Against sweating system and for increase of wages	1			1
Against system of measuring work	1	1		
Against truck system	1	1		
Against use of fork instead of shovel in coal mines	3	2		1
Against use of material from establishment in which strike was pending	1	1		
Against use of material from non-union establishment	71	40		31
Against use of material from non-union establishment and employment of non-union men	20	19		1
Against use of brick made outside of county	28			28
Against use of convict-made material	19			19
Against use of non-union-made material	4	2		2
Against use of stone cut outside of city	1	1		
Against violation of agreement	11	11		
Against violation of agreement as to hours	1	1		
Against violation of union rules	6	5		1
Against working injured mule	1	1		
Against working in yard in which switchmen were striking ..	2			2
Against working on job with non-union contractors	1	1		
Against working on job with non-union employés under another contractor	154	20		164
Against working overtime	2	1		1
For adoption of new rules and scale	61	60		1
For adoption of new scale	1,337	529	225	583
For adoption of new scale and reduction of hours	8		8	
For adoption of new scale, reduction of hours and recognition of union	1	1		
For adoption of sliding scale	100			100
For adoption of uniform scale	21	21		
For adoption of uniform scale and reduction of hours	1			1
For adoption of union apprenticeship rules	4	4		
For adoption of union, etc., rules	3	2		1
For adoption of union, etc., scale	6	4	1	1
For adoption of union rules	20	14		6
For adoption of union rules and against employment of non- union men	1	1		
For adoption of union rules and union scale	237	219	5	10
For adoption of union rules and union scale and against em- ployment of non-union men	1	1		

Table No. 9—Continued.

Cause or Object.	Estab- lish- ments.	Suc- ceeded	Suc- ceeded partly.	Failed.
For adoption of union scale.....	42	20	.....	12
For adoption of union scale and against employment of non-union men.....	7	6	.....	2
For adoption of union scale and reduction of hours.....	28	21	.....	1
For adoption of union scale and to compel employer to sign union contract.....	1	1	.....	.....
For adoption of union scale discharge of foreman, and against employment of non-union men.....	1	1	.....	.....
For apology from firm for charges made against employes.....	1	.....	.....	1
For appointment of an arbitrator.....	2	.....	.....	2
For appointment of miner as check weighman.....	1	1	.....	.....
For better arrangements for safety.....	1	1	.....	.....
For better board.....	1	1	.....	.....
For better board and lodging (living with employer).....	1	.....	.....	1
For better powder for miners.....	1	1	.....	.....
For better treatment.....	1	1	.....	.....
For better workroom.....	1	1	.....	1
For better ventilation and repair of machinery.....	1	1	.....	.....
For car fare.....	6	1	.....	4
For change from day to mileage rates and increase of force to lighten work.....	1	1	.....	.....
For change from day to piece work.....	3	1	1	.....
For change from piece to day work.....	12	5	.....	8
For change from piece to day work and for increase of wages.....	1	.....	.....	1
For change from screen coal to run of mine basis.....	1	1	.....	.....
For change of method of doing work.....	1	1	.....	.....
For change in method of piece payment.....	2	2	.....	.....
For change of basis of wages.....	1	.....	.....	1
For change of coal screen.....	3	2	.....	1
For change of coal screen and increase of wages.....	6	.....	.....	6
For change of pay day.....	4	1	.....	4
For change of rules.....	2	1	.....	1
For definite understanding as to price list.....	1	1	.....	.....
For discharge of chief engineer and against increase of hours.....	1	.....	.....	1
For discharge of colored employes.....	1	1	.....	.....
For discharge of employes.....	15	6	.....	10
For discharge of employes belonging to another labor organization.....	21	3	.....	15
For discharge of employes not in good standing in union.....	2	1	.....	1
For discharge of foreign employes.....	1	1	.....	.....
For discharge of foreman.....	16	2	.....	14
For discharge of foreman and employment of assistant stokers.....	1	.....	1	.....
For discharge of foreman and payment of wages overdue.....	1	1	.....	.....
For discharge of foreman and reduction of hours.....	1	.....	.....	1
For discharge of foreman and reinstatement of discharged employes.....	1	1	.....	.....
For discharge of head waiter.....	1	.....	.....	1
For discharge of head waiter and against discharge of waiters' helpers.....	1	1	.....	.....
For discharge of master mechanic.....	1	1	.....	.....
For discharge of mine boss.....	2	1	.....	1
For discharge of non-union employes.....	7	1	.....	6
For discharge of non union foreman.....	7	4	.....	3
For discharge of station agent.....	1	1	.....	.....
For discharge of superintendent.....	3	2	.....	1
For discharge of superintendent and reinstatement of discharged trainmaster.....	1	1	.....	.....
For discharge of trainmaster and chief dispatcher.....	1	.....	.....	1
For discharge of weighman.....	2	2	.....	.....
For discharge of yardmaster.....	3	1	.....	2
For double pay for holiday work.....	1	.....	.....	1
For employment of check weighman.....	6	4	.....	1
For enforcement of union rules.....	815	812	.....	3
For enforcement of union rules and employment of additional helpers.....	1	1	.....	.....
For enforcement of union rules and to compel employer to sign union contract.....	8	8	.....	.....
For enforcement of union rules and union scale.....	3	3	.....	.....
For enforcement of union scale.....	154	146	.....	25
For enforcement of union scale against being fined.....	1	1	.....	.....
For enforcement of union scale and against boys running nailing machines.....	6	6	.....	.....
For enforcement of union scale and against employment of non-union men.....	25	23	.....	2

Table No. 9—Continued.

Cause or Object.	Estab- lish- ments.	Suc- ceeded	Suc- ceeded partly.	Failed.
For enforcement of union scale and against use of forks.	2	2		
For enforcement of union scale and against working overtime.	1	1		
For equalization of hours.	1			1
For equal rate of wages winter and summer.	1	1		
For fixed rate of wages.	2			2
For fortnightly payment.	327			327
For increase and readjustment of wages.	1			1
For increase of force.	4	3		
For increase of force and reinstatement of discharged em- ployés.	1			1
For increase of wages.	4,081	2,426	446	1,207
For increase of wages according to agreement.	359	9		350
For increase of wages and against alleged discrimination against certain employés.	1			1
For increase of wages and against boys working on machines.	8	8		
For increase of wages and against employment of non-union men.	17	17		
For increase of wages and against new employés.	1			1
For increase of wages and against obnoxious rules.	2			2
For increase of wages and against use of material from non- union establishment.	750			750
For increase of wages and discharge of contractor.	1	1		
For increase of wages and discharge of foreman.	2	1		1
For increase of wages and discharge of superintendent.	1	1		
For increase of wages and employment of local residents only.	1	1		
For increase of wages and enforcement of union indenture rules.	122	122		
For increase of wages and privilege of organizing union.	2			2
For increase of wages and recognition of union.	365	15		340
For increase of wages and reduction of cost of supplies.	1	1		
For increase of wages and reduction of hours.	2,053	1,365	186	502
For increase of wages and reinstatement of discharged em- ployés.	4	1	1	2
For increase of wages and Saturday half holiday.	120	100		20
For increase of wages and weekly payment.	1			1
For increase of wages of foreman.	1	1		
For increase of wages, recognition of contractors' union, and against firm giving work to non-union contractors.	20		20	
For increase of wages, reduction of hours, and discharge of non-union employés.	1			1
For increase of wages, reduction of hours, and double time for Sundays.	22	22		
For increase of wages, reduction of hours, and recognition of union.	173	36	100	28
For increase of wages, reduction of hours, and Saturday half holiday.	29	21		8
For increase of wages, reduction of hours, and semi-monthly payment.	1			1
For increase of wages, reduction of hours, and to compel em- ployer to sign union contract.	1	1		
For increase of wages, reduction of hours, recognition of union, abolition of piecework.	8	8		
For increase of wages, reduction of hours, recognition of union and against employment of women.	26		8	18
For increase of wages, reduction of hours, recognition of union and change in method of payment.	1	1		
For increase of wages, reduction of hours, time and a half for over time, double time for holidays, and recognition of union.	39	39		
For increase of wages, reduction of hours, time and a half for overtime, double time for Sundays, holidays and after mid- night, and adoption of union apprenticeship rules.	285	285		
For increase of wages, reduction of price for blacksmithing, and change of rules.	1		1	
For increase of wages, regular hours, and pay for overtime.	4	4		
For increase of wages, Saturday half holiday, and privilege of working for employers not members of iron league.	52		52	
For increase of wages, Saturday half holiday, and privilege of working for employers not members of masters' associa- tion.	800	800		
For increase of wages or reduction of hours.	40	37		3
For larger workshops.	1	1		
For lunch at close of day.	1			1
For more compressed air.	1	1		
For mining machines.	1			1

Table No. 9—Continued.

Cause or Object.	Estab-lish-ments.	Suc-ceeded	Suc-ceeded partly.	Failed.
For new safety catches on elevator cage.....	1	1		
For pay by the hour.....	1		1	
For pay for dead work.....	3	3		
For pay for extra work.....	3	2		1
For pay for gross weight of coal.....	1	1		
For pay for gross weight of coal and weekly payment.....	13	11		2
For pay for lost time.....	4	1		3
For pay for overtime.....	7	5	2	
For pay for overtime and reinstatement of discharged employ- ees.....	1			1
For pay for slack.....	1	1		
For pay for work lost because of underheated iron.....	1	1		
For payment of wages overdue.....	90	68	1	21
For payment of wages overdue and reinstatement of dis- charged employes.....	1		1	
For payment of wages to discharged employes.....	1			1
For privilege of affixing union label.....	2	2		
For privilege of bringing beer to shop.....	1			1
For privilege of stopping long enough to eat.....	1	1		
For privilege of working eight consecutive hours.....	1			1
For privilege of working full time.....	2	2		
For readjustment of wages.....	1	1		
For recognition of agent of union.....	1	1		
For recognition of check weighman selected by miners.....	1	1		1
For recognition of union.....	42	11		31
For recognition of union, adoption of uniform scale, and against discharge of union employes.....	1	1		
For recognition of union and adoption of union scale.....	56	32		24
For recognition of union and against increase of hours.....	1	1		
For recognition of union and enforcement of scale.....	1		1	
For recognition of union and privilege of affixing union label.....	3		3	
For recognition of union and reduction of cost of supplies.....	1	1		
For recognition of union and to compel contractor to sign a year's contract.....	4	4		
For recognition of union and to compel employer to sign union agreement.....	2	2		
For recognition of union, enforcement of union scale, and to compel employer to sign union contract, and against em- ployment of non-union men.....	12	8		4
For reduction of daily task.....	1	1		
For reduction of hours.....	1,430	808	177	447
For reduction of hours, accepting corresponding reduction of wages.....	72	68	1	3
For reduction of hours and against boys doing men's work.....	5	5		
For reduction of hours, and against employment of non-union men.....	28	9	10	9
For reduction of hours and enforcement of union scale.....	1	1		
For reduction of hours and pay for overtime.....	10	10		
For reduction of hours and recognition of union.....	140	124	1	5
For reduction of hours and to compel employer to sign union contract.....	2	1		1
For reduction of hours and weekly payment.....	1			1
For reduction of hours on Saturday.....	1	1		1
For reduction of hours, recognition of union, and time and a half for overtime.....	1			1
For regular payment.....	10	10		
For regular payment in cash and for company to furnish tools.....	1			1
For reinstatement of discharged employes.....	77	35	3	39
For reinstatement of discharged employes and change of rules.....	1			1
For reinstatement of discharged employes and extra pay for overtime.....	1	1		
For reinstatement of discharged employes and recognition of union.....	4		3	1
For reinstatement of discharged employes, foreman, etc.....	5			5
For reinstatement of discharged foremen.....	18	13		5
For reinstatement of discharged inspector.....	1	1		
For reinstatement of discharged superintendent.....	1	1		
For reinstatement of discharged train dispatcher.....	1			1
For reinstatement of looked-out employes and enforcement of union scale.....	11	11		
For restoration of wages.....	102	66	1	36
For Saturday half holiday.....	1			1
For semi-monthly payment.....	4	1		3

Table No. 9—Concluded.

Cause or Object.	Estab- lish- ments.	Suc- ceeded	Suc- ceeded partly	Failed.
For semi-monthly payment in cash.....	1	.....	1	.....
For time and a half for overtime.....	2	.....	.....	2
For weekly payment.....	94	86	.....	8
In anticipation of a lockout.....	2	.....	.....	2
In sympathy with strike elsewhere.....	1,223	22	30	1,249
To compel employes to join union, or for their discharge.....	2	1	.....	1
To compel employer to furnish truss hoops.....	1	1	.....	.....
To compel employer to join union.....	1	1	.....	.....
To compel employer to join masters' association.....	23	16	.....	6
To compel employer to join masters' association and against employment of nonunion men.....	12	12	.....	.....
To compel employer to join masters' association and for en- forcement of union scale.....	6	6	.....	.....
To compel employer to join masters' association and to sign union contract.....	1	1	.....	.....
To compel employer to join masters' association, for enforce- ment of union scale, and against employment of non-union men.....	18	17	.....	1
To compel employer to retain a part of employes' wages to pay dues, etc., to union, and against employment of non- union men.....	3	3	.....	.....
To compel employer to sign a years contract.....	1	1	.....	.....
To compel employer to sign contract.....	4	3	.....	1
To compel employer to sign union contract.....	21	16	.....	5
To compel employer to sign union contract and against em- ployment of non-union men.....	2	2	.....	.....
To compel manager to join mine managers' union.....	2	1	.....	1
To compel school board to insert union labor clause in all contracts.....	47	47	.....	.....
To compel world's fair directors to employ none but union men in building trades.....	472	472	.....	.....
To enforce agreement.....	17	16	1	2
To enforce Chicago agreement.....	60	60	.....	.....
To enforce payment of dues, fines, etc., by delinquent mem- bers of union, or for their discharge.....	1	.....	.....	1

a Not including one establishment in which strike was still pending March 20, 1901.

TABLE No. 10—*Lockouts in Illinois for 20 Years—1881-1900.*

YEAR.	Total lock-outs.	ORDERED BY ORGANIZATION.		ESTABLISHMENTS.				DAYS UNTIL EMPLOYEES LOCK-OUT WERE RE EMPLOYED OR PLACES FILLED BY OTHERS.	
		Yes.	No.	Number.	Number closed.	Aggregate days closed.	Average days closed.	Aggregate	Average
Totals.	95	14	81	2,551	2,087	245,495	79.6	681,446	186.3
1881.....	1	.....	1	1	1	27	27.0	27	27.0
1883.....	1	.....	1	33	.....	.....	.....	325	25.0
1884.....	3	2	1	40	13	424	32.4	1,757	43.9
1885.....	3	2	1	10	5	124	26.8	364	36.4
1886.....	8	3	5	43	43	543	12.6	548	12.7
1887.....	8	2	6	790	786	41,314	53.6	42,061	53.2
1888.....	3	.....	3	4	1	7	7.0	64	16.0
1889.....	1	.....	1	3	3	591	197.0	591	197.0
1890.....	9	1	8	13	9	111	12.3	1,308	100.2
1891.....	6	.....	6	111	90	1,095	12.2	5,983	53.5
1892.....	6	.....	6	18	3	39	13.0	366	20.3
1893.....	3	2	1	4	1	30	89.0	53	13.3
1894.....	4	.....	4	263	1	88	.....	5,406	19.2
1895.....	2	.....	2	4	.....	.....	.....	293	73.3
1896.....	4	.....	4	13	10	523	52.3	1,153	68.7
1897.....	5	1	4	76	57	759	13.8	1,595	21.0
1898.....	7	.....	7	16	2	22	11.0	1,716	107.3
1899.....	10	1	9	66	63	1,583	25.5	1,867	27.5
1900.....	11	.....	11	2,041	2,000	196,169	99.1	595,884	292.0

TABLE No. 11—*Lockouts in Illinois for 20 Years—1881-1890.*

YEAR.	ESTABLISHMENTS IN WHICH LOCKOUTS—			EMPLOYES.		Loss to employers.
	Succeeded	Succeeded partly.	Failed.	Wage Loss.	Assistance.	
Totals.....	2,399	103	1,123	\$29,857,739	\$242,228	\$6,771,220
1881.....	1	.....	.....	\$2,125	.....	\$2,000
1883.....	23	.....	.....	16,429	\$749	12,300
1884.....	27	.....	13	140,368	3,425	8,040
1885.....	1	.....	9	118,710	1,300	78,250
1886.....	7	20	6	254,856	.....	246,475
1887.....	84	.....	706	2,157,430	52,769	2,120,850
1888.....	1	.....	3	3,228	843	300
1889.....	3	.....	.....	394,000	.....	50,000
1890.....	10	1	2	66,669	15,512	26,300
1891.....	24	72	15	179,080	15,500	157,500
1892.....	14	.....	4	17,500	712	9,150
1893.....	1	.....	3	9,835	487	600
1894.....	2	.....	261	285,750	6,204	522,500
1895.....	4	.....	.....	2,775	866	2,300
1896.....	12	.....	.....	272,578	6,212	176,475
1897.....	23	.....	43	182,500	21,600	125,500
1898.....	15	.....	1	44,051	2,452	14,125
1899.....	16	.....	51	612,021	12,400	95,396
1900.....	2,020	.....	21	15,094,850	111,090	5,112,100

TABLE No. 12—*Lockouts in Illinois for 20 Years—1881-1900.*

YEAR.	EMPLOYEES BEFORE LOCKOUT.			Employees locked out.
	Male.	Female.	Total.	
Totals.....	163,338	1,880	165,058	114,969
1881.....	125	.....	125	125
1883.....	467	.....	467	467
1884.....	1,847	.....	1,847	847
1885.....	1,080	.....	1,080	730
1886.....	18,328	.....	18,328	18,328
1887.....	23,264	7	23,271	23,869
1888.....	75	.....	75	51
1889.....	1,259	.....	1,259	1,259
1890.....	1,116	28	1,174	443
1891.....	11,531	325	11,846	2,853
1892.....	1,828	25	1,853	601
1893.....	179	20	199	123
1894.....	15,900	40	15,940	10,396
1895.....	42	3	45	26
1896.....	1,889	18	1,607	543
1897.....	2,475	100	2,575	2,155
1898.....	2,165	180	2,325	300
1899.....	5,073	124	5,197	4,451
1900.....	65,095	940	66,035	36,563

TABLE NO. 13—*Lockouts in Illinois for 20 Years—1881-1900.*

YEAR.	EMPLOYEES THROWN OUT OF EMPLOYMENT BY LOCKOUT.			NEW EMPLOYEES AFTER LOCKOUT.			Brought from other places.
	Male.	Female.	Total.	Male.	Female.	Total.	
Totals	122,164	742	122,906	4,412	41	4,443	1,870
1881	125		125	100		100	
1882	487		487	123		123	
1884	1,847		1,847				
1885	730		730	100		100	75
1886	18,228		18,228	500		500	500
1887	28,115		28,115	168		168	14
1888	53		53	18		18	18
1889	1,259		1,259				
1890	686	25	681	153		153	112
1891	5,472		5,472	170		170	30
1892	686		686	40		40	
1893	122		122	15		15	15
1894	10,389		10,389	21		21	
1895	24	2	26	19	9	28	15
1896	1,042		1,042	223		223	54
1897	2,155		2,155	200		200	
1898	300		300	189	7	187	22
1899	4,293	60	4,453	247		247	
1900	51,163	645	51,808	2,125	25	2,150	1,015

TABLE NO. 14—*Lockouts in Illinois for 20 Years—1881-1900.*

INDUSTRIES.	Total lockouts.	ORDERED BY ORGANIZATION		ESTABLISHMENTS.			
		Yes.	No.	Number.	Number closed.	Aggregate days closed.	Average days closed.
Total	26	14	81	3,551	3,037	245,426	79.6
Boots and shoes	1	.....	1	1	.....	.....	.....
Brewing	2	.....	2	4	.....	.....	.....
Brick	3	2	.....	45	17	386	23.7
Building trades	15	4	11	3,178	2,898	240,390	83.9
Clothing	5	.....	5	64	31	430	14.0
Coal and coke	10	.....	10	12	10	827	91.9
Cooperage	1	.....	1	1	1	7	7.0
Domestic service	1	1	.....	3	.....	.....	.....
Food preparations	4	2	1	9	5	24	4.8
Furniture	5	.....	5	45	9	493	54.8
Glass	3	.....	3	3	1	183	183.0
Leather and leather goods	2	.....	2	2	2	141	70.5
Machines and machinery	3	1	2	3	1	9	9.0
Metal and metallic goods	9	2	7	31	15	418	27.9
Musical instruments	1	.....	1	10	10	1,050	105.0
Printing and publishing	6	.....	6	8	.....	.....	.....
Stone quarrying and cutting	4	.....	4	76	76	1,093	14.4
Tobacco	11	.....	11	44	7	63	8.9
Transportation	1	.....	1	1	1	36	36.0
Wooden goods	5	.....	5	5	2	36	18.0
Miscellaneous	3	.....	3	17	1	21	21.0

TABLE No. 15—*Lockouts in Illinois for 20 Years—1881-1900.*

INDUSTRY.	DAYS UNTIL EMPLOYEES LOCKED OUT WHEN RE-EMPLOYED OR PLACES FILLED BY OTHERS.		ESTABLISHMENTS IN WHICH LOCKOUTS -			EMPLOYEES.		Loss of employers.
	Aggregate.	Average.	Succeeded.	Succeeded partly.	Failed.	Wage loss.	Assistance.	
Total	661,446	186.3	2,309	108	1,129	\$30,867,739	\$242,336	\$9,771,220
Boots and shoes.....	30	30.0	1	.....	.....	8,000	1,000	10,000
Brewing	91	23.8	4	.....	.....	4,600	222	1,500
Brick	1,730	28.4	27	.....	19	125,730	2,155	6,190
Building trades	642,438	292.5	2,094	.....	1,094	18,429,463	126,303	7,693,875
Clothing	2,098	33.3	30	30	3	101,540	25,908	162,700
Coal and coke.....	1,206	109.6	5	1	6	422,818	2,240	60,945
Cooperage	7	7.0	.....	.....	1	70	.....	25
Domestic service.....	4	2.0	.....	.....	2	200	.....	100
Food preparations.....	116	12.9	1	.....	8	197,000	.....	157,000
Furniture	6,221	128.2	45	.....	.....	217,330	8,650	255,260
Glass	196	65.0	2	.....	1	37,535	1,900	5,300
Leather, leather goods.	180	90.0	2	.....	.....	185,000	24,000	126,000
Machines, machinery ..	50	16.7	12	.....	1	14,235	787	4,000
Metals, metallic goods.	1,045	49.8	11	.....	10	212,250	7,094	112,210
Musical instruments...	1,060	105.0	10	.....	.....	577,500	11,000	65,600
Printing, publishing...	305	28.1	8	.....	.....	10,981	2,228	2,925
Stone quarrying, cut'ng	1,093	14.4	3	72	1	126,080	12,000	72,550
Tobacco	1,128	25.6	43	.....	2	25,281	2,272	15,200
Transportation	53	53.0	1	.....	.....	5,000	.....	2,000
Wooden goods.....	78	15.6	4	.....	1	10,815	1,100	6,260
Miscellaneous	1,227	78.1	17	.....	.....	26,000	1,500	11,500

TABLE No. 16—*Lockouts in Illinois for 20 Years—1881-1900.*

INDUSTRY.	EMPLOYES BEFORE LOCKOUT.			Employees locked out.
	Male.	Female.	Total.	
Total	162,228	1,830	165,058	114,969
Boots and shoes.....	325	100	325	125
Brewing	389	40	429	40
Brick.....	2,000	.....	2,000	2,000
Building trades	100,402	10	100,412	79,726
Clothing	1,235	260	1,495	1,195
Coal and coke	2,283	.....	2,283	1,709
Cooperage	7	.....	7	7
Domestic service	140	20	160	100
Food preparations	29,745	655	30,400	16,530
Furniture	8,570	268	9,238	1,177
Glass.....	497	25	522	429
Leather and leather goods	1,300	.....	1,300	1,300
Machines and machinery.....	624	10	634	247
Metal and metallic goods.....	2,844	20	2,864	2,098
Musical instruments.....	2,500	.....	2,500	2,500
Printing and publishing.....	1,284	204	1,488	118
Stone quarrying and cutting.....	4,732	.....	4,732	2,210
Tobacco.....	727	33	760	659
Transportation.....	100	.....	100	100
Wooden goods.....	894	.....	894	384
Miscellaneous	1,290	85	1,475	225

TABLE No. 17—*Lockouts in Illinois for 20 Years—1881-1900.*

INDUSTRY.	EMPLOYEES THROWN OUT OF EMPLOYMENT BY LOCKOUT.			NEW EMPLOYEES AFTER LOCKOUT.			
	Male.	Female.	Total.	Male.	Female.	Total.	Brought from other places.
Total	132,164	742	132,906	4,412	41	4,453	1,870
Boots and shoes	125		125	125		125	
Brewing	40		40	40		40	18
Brick	2,080		2,080			2,100	1,062
Building trades	95,078	10	95,088	210			
Clothing	1,125	160	1,295				
Coal and coke	1,781		1,781	22		22	17
Cooperage	7		7				
Domestic service	100		100				
Food preparations	16,000	520	16,520	500		500	500
Furniture	1,677		1,677	240		240	50
Glass	429		429	5		5	5
Leather and leather goods ..	1,300		1,300	75		75	
Machines and machinery	259		259	47		47	7
Metal and metallic goods	2,467		2,467	286		286	155
Musical implements	2,500		2,500	200		200	
Printing and publishing	116	2	118	67	2	69	18
Stone quarrying and cutting ..	4,732		4,732	110		110	
Tobacco	674	25	699	190	14	204	28
Transportation	100		100	100		100	
Wooden goods	384		384	195		195	
Miscellaneous	200	25	225	110	25	135	10

TABLE NO. 18—*Causes, Etc., of Lockouts in Illinois for 20 Years—1881-1900.*

Causes or Object.	Estab-lish-ments.	Suc-ceeded	Suc-ceeded partly.	Failed.
Total	2,551	2,309	103	1,128
Against demand for adoption of union scale	1			1
Against demand for discharge of non-union employes	1	1		
Against demand for holiday	1			1
Against demand for increase of wages	3	3		
Against demand for increase of wages or reduction of hours	30		30	
Against demand for reduction of hours	1	1		
Against employes forming union	4	3		
Against employes receiving visitors during working hours ..	1	1		
Against employes working for contractors not members of masters' association	15			15
Against fines assessed by union and to compel employes to sign agreement to work only for members of masters' association	30			30
Against fines assessed by union for alleged violation of agreement	18	18		
Against non-union men	11	11		
Against recognition of check weighman by miners	1	1		
Against threatened strike	1	1		
Against threatened strike against truck system and to enforce reduction of wages	1	1		
Against threatened strike for adoption of union scale	2	1		1
Against threatened strike for increase of wages and reduction of hours	2			2
Against union men	46	44		2
Against union men and union rules	5	4		1
Against union rules	3	3		
To compel cigar makers to change shape of cigar without change of price	1	1		
To compel employes to furnish union labels	2	2		
To compel employes to leave union and join stock company ..	1			1
To compel employes to relinquish demands for back shop and to sign agreement not to strike during the year	30	30		
To compel employes to sign agreement to work only for members of Iron League and change union rules	13	13		
To compel employes to stop paying assistance to strikers in another establishment	2	2		
To compel employes to teach apprentices and to withdraw from union	1	1		
To compel employes to use material from non-union establishment	3	3		
To compel employes to withdraw from Building Trades Council and to enforce rules of Building contractors' Council	1,980	1,980		

Table No. 18—Concluded.

Causes or Object.	Estab-lish-ments.	Suc-ceeded	Suc-ceeded partly.	Failed.
To compel employés to work on boycotted material.....	1	1	.....	.....
To compel employés to work on boycotted patterns	7	.....	.....	7
To compel strikers in other establishments to relinquish demands.....	61	13	.....	49
To compel strikers in other establishments to relinquish demands and to break up labor unions	706	.....	.....	706
To compel union men to work with non-union men.....	269	.....	.....	269
To compel union to raise boycott.....	1	.....	.....	1
To enforce change in method of doing work or reduction of wages	2	2	.....	.....
To enforce increase of hours.....	103	90	.....	4
To enforce increase of hours and change from piece to day work	10	10	.....	.....
To enforce Master Stonemasons' Association rules.....	72	.....	72	.....
To enforce new rules	2	.....	.....	2
To enforce reduction of wages.....	77	80	1	26
To enforce reduction of wages and against union men.....	2	2	.....	.....
To enforce rules of masters' union and against members of certain labor organizations	1	1	.....	.....
To enforce rule to reduce force during slack season instead of alternating work among all employés.....	1	1	.....	.....
To enforce termination of contract and reduction of wages...	43	.....	.....	.....
To enforce truck system	1	.....	.....	1
To prevent reduction of hours	7	6	.....	1

The definition of a strike and of a lockout are thus set forth: A strike occurs when the employés of an establishment refuse to work unless the management complies with some demand; a lockout occurs when the management refuses to allow the employés to work unless they will work under some conditions indicated by the management.

The distinction, therefore, between the two classes of disturbances of industrial affairs is that in a strike the employés take the initiative, while in the lockout the employer first makes some demand by refusing to allow the employés to work unless it is complied with.

This distinction has been observed in all the tabulations following.

The presentation of strikes and lockouts in the fifth biennial report of the bureau gave the establishment as the unit, and not the strike or lockout. In this report the strike or lockout is made the unit, this enables the giving of the duration of the strikes or lockouts.

The national bureau has been very careful in its investigation, all facts, forming the basis of the tables, were collected at the place where the strikes and lockouts occurred, both sides to the controversy were consulted and all discrepancies reconciled with the greatest possible fairness, therefore it is believed that the facts as shown are substantially correct

In this report the general tables are numbered from 1 to 19 inclusive. The tables numbered one to four show the strikes by years. For example, Table 1 gives the total number of strikes by years from 1881 to 1900 inclusive. Observing this table further it is seen that for each year is given the number of strikes ordered by labor organizations and the number not so ordered; the number of establishments involved; the number closed; the aggregate and average days closed and the aggregate and average days until the strikers were re-employed or until their places were filled. Tables 2, 3 and 4 are an extension of Table 1 and all items of each year are to be read as a continuation from the first column of this table.

Tables 5, 6, 7 and 8 give the strikes by industries and are similar in arrangement in every particular to the preceding tables, showing the number of strikes in each industry without reference to years. These tables are to be read from the first column of Table 5.

Table 9 shows the causes of strikes giving the number of establishments involved in each separate cause or object, also the number of these establishments, in which strikes succeeded, succeeded partly and failed.

Referring to the tables of lockouts, attention is directed to the similarity of arrangement and scope of those relating to strikes.

Tables 10, 11, 12 and 13 give the same information regarding lockouts as shown in Tables 1 to 4 in relation to strikes. The reading of these tables, therefore, is the same as the reading of the tables of strikes.

Tables 14, 15, 16 and 17 concerning lockouts, give the lockouts by industries, and are identical with Tables 5 to 8 relative to strikes. Table 18 gives the cause or object of lockouts, with the number of establishments, the number in which they succeeded, succeeded partly and failed.

The foregoing description of the several tables is deemed sufficient. It will be observed that the groupings of the several items of the

tables for lockouts are identical with those of strikes, therefore only the strike tables will be taken up for a brief description of the matters treated therein. To give some of the important facts more prominence several condensed tables are presented:

Strikes, by Years, Jan. 1, 1881, to Dec. 31, 1900.

YEAR.	STRIKES.		ESTABLISHMENTS.		Average estab- lishment to a strike.	EMPLOYES THROWN OUT OF EMPLOYMENT.	
	Number.	Per cent of total.	Number.	Per cent of total.		Number.	Per cent of total.
Totals	2,640	100.00	20,783	100.00	7.9	860,599	100.00
1881	74	2.80	271	1.30	3.7	18,276	2.15
1882	68	2.59	306	.99	3.1	14,808	1.74
1883	54	2.05	576	2.77	10.6	20,181	2.37
1884	43	1.59	429	2.06	10.2	8,064	0.95
1885	72	2.73	226	1.09	3.1	22,070	2.59
1886	151	5.72	1,069	5.14	7.1	108,696	12.73
1887	112	4.24	1,569	7.55	14.0	44,948	5.23
1888	60	2.27	699	3.22	11.5	25,424	2.99
1889	43	1.63	165	.80	3.8	16,400	1.93
1900	128	5.23	2,496	12.01	19.1	67,539	7.94
1891	119	4.50	1,111	5.36	9.0	32,071	3.77
1892	124	4.70	707	3.40	5.7	25,229	2.97
1893	129	4.89	1,382	6.65	10.7	50,708	5.96
1894	122	5.00	2,055	9.89	15.6	126,222	16.02
1895	122	4.62	295	1.38	2.2	26,116	3.07
1896	287	10.87	1,491	7.17	5.2	49,697	5.84
1897	149	5.64	1,963	9.46	13.2	32,261	3.98
1898	161	6.10	1,148	5.52	7.1	37,128	4.37
1899	281	14.43	1,860	8.90	4.8	62,287	7.22
1900	227	8.60	1,111	5.36	4.9	51,254	6.04

This table shows that for the 20 years 2,640 strikes occurred in this State. The total for the United States is given as 22,793. The number of strikes in Illinois for the same period is exceeded by two states, New York, 6,460, and Pennsylvania, 2,846. The number of establishments in the State involved was 20,783; for the United States, the number was 117,509. The number in New York was 37,845 and in Pennsylvania 18,438. Starting with 74 strikes in 1881,

there was a decrease for the next three years, there being only 42 in 1884. In 1885 the number increased to 72, and in 1886 this number was more than doubled, being 151 for that year. In 1887 the number declined to 112, and in 1888 dropped to 60, while for 1889 the number of strikes was only 43. For 1890 the number was increased to 138; this year the number of strikes in the United States was 1,833 being the greatest number shown for any year of the entire period.

For the next five years in this State the number varied from 119 in 1891 to 132 in 1894. In 1896 the number more than doubled any of the last named years, being 287 for that year. In 1897 and 1898 the number declined for each of the years about 45 per cent from the preceding year. However, in 1899 the number of strikes increased very exceptionally, the number for that year being 381, this is the largest number for any one year during the 20 years, and is 33 per cent greater than in 1896. In 1900 the number of strikes declined to 227, a decrease of 40 per cent from 1899. The percentage column gives the per cent of the total for each year.

Referring to the column giving the number of establishments implicated in strikes, it is seen that the total number was 20,783. The total for the United States was 117,509. In 1881 the number of establishments in the State involved was 271. In 1882 the number dropped to 206, while in 1883 it rose to 576 or more than doubled either of the previous years. In 1884 the number declined to 429 and in 1885 dropped to 226. In 1886 the number was 1,069, more than four times greater than the preceding year. In 1887 the number rose to 1,569, but declined to less than half that number in 1888, while in 1889 the number dropped to 165, the lowest number by 25 per cent, during the 20 years. In 1890, however, the number went up to 2,496, the greatest number recorded for the entire period, being 27 per cent of the number of all the states for that year. In 1891, the number decreased more than half, being 1,111, while in 1892 a still further decrease was made to 707. In 1893 the number nearly doubled that of the previous year, being 1,382, with a further increase in 1894 to 2,055. In 1895 the number dropped to 266, an extraordinarily low ebb, only three years in the entire period, 1882, 1885 and 1889 having a smaller number. However, in 1896 the number rose to 1,491 with a still further increase in 1897 to 1,966, while

in 1898 it dropped to 1,148. In 1899 the number increased to 1,850 and dropped again in 1900 to 1,111, this being the same number given in 1891, nine years previous.

The greatest number shown for any year is that of 1890, being 2,496. The percentage column shows the per cent of the total number to be the highest in 1890, 1894, 1897 and 1899.

The column of the average number of establishments to each strike for the 20 years shows it to be 7.9 the highest being 18.1 in 1890, and the lowest 2.2 in 1895.

Directing attention to the column of employés thrown out of employment, it will be seen that the total number involved in strikes for the 20 years was 850,599, the greatest number was in 1894 involving 136,223 workmen, the next greatest number was 108,696 in 1886; the smallest number was 8,054 in 1884. In this connection reference is had to the general tables. Table 1, shows that during the 20 years 1,950 or 73.86 per cent of the strikes were ordered by labor organizations. In Table 3 it is shown that 636,148 persons originated these strikes, and that 1,696,067 was the number employed before the strikes. Table 4 shows that the number of new employés after the strikes was 68,620, of whom 31,446 were brought from other places. The number of new employés after the strikes was a trifle over 4 per cent of the number employed before the strikes.

In reading these tables giving the number of establishments and number of employés, it must be understood that the figures do not represent the actual number of employés involved in the strikes or lockouts in any given year or industry, for the reason that in many cases there may have been two or more strikes or lockouts in the same establishment, hence the number of employés would be duplicated, or perhaps multiplied in the totals. As an instance of this duplication, a sympathetic strike may have occurred, in which the employés strike to enforce the demands of employés in another establishment. In such cases the number of employés would be involved in the establishment in which they were employed, also in the establishment in which the sympathetic strike occurred.

In the following table is presented the lockouts for 20 years, in similar form of the preceding table for strikes. This is derived from Table 10.

Lockouts, by Years, Jan 1, 1881, to Dec. 31, 1900.

YEAR.	LOCKOUTS.		ESTABLISHMENTS.		Average establishment to a lockout.	EMPLOYEES THROWN OUT OF EMPLOYMENT.	
	Number.	Per cent of total.	Number.	Per cent of total.		Number.	Per cent of total.
Totals	95	100.00	3,551	100.00	37.4	152,906	100.00
1881	1	1.05	1	.02	1.0	125	.09
1882	1	1.05	23	.92	23.0	467	.35
1884	3	3.16	40	1.12	13.3	1,847	1.29
1885	3	3.16	10	.28	3.3	730	.55
1886	8	8.42	43	1.21	5.4	18,228	12.71
1887	8	8.42	790	22.34	98.8	23,115	24.92
1888	3	3.15	4	.11	1.3	53	.04
1889	1	1.05	3	.07	3.0	1,259	.95
1900	9	9.48	13	.36	1.4	631	.47
1891	6	6.32	111	3.12	18.5	5,473	4.12
1892	6	6.32	13	.57	3.0	686	.52
1893	3	3.16	4	.11	1.3	122	.09
1894	4	4.21	263	7.40	65.8	10,396	7.81
1895	2	2.10	4	.21	2.0	26	.02
1896	4	4.21	13	.37	3.3	1,043	.79
1897	5	5.26	76	2.14	15.2	2,155	1.62
1898	7	7.37	16	.45	2.3	300	.23
1899	10	10.53	68	1.91	6.8	4,453	3.35
1900	11	11.58	2,041	57.49	185.6	51,808	38.98

The whole number of lockouts during the 20 years was only 95, no lockouts reported for the year 1882, this number bearing only a very small proportion of the labor derangements. The number of lockouts being only 3.6 per cent of the number of strikes. The total number of establishments involved was 3,551. The average establishment to a lockout for the entire period was 37.4. In 1900 the number of establishments involved was 2,041 or 57.49 per cent of the whole number, Referring to Table 12, it shows that 165,058 persons were employed

in the 3,551 establishments, of these 132,906 or 80.52 per cent were thrown out of employment. The percentage for the United States was 80.44.

The table following is derived from Tables 4 and 13, and gives the sex of employes thrown out of employment as the result of strikes and lockouts:

Sex of Employes Thrown Out of Employment, by Years, Jan. 1, 1881, to Dec. 31, 1900.

YEAR.	STRIKES.			LOCKOUTS.		
	Employes thrown out of employ- ment.	Males (per cent.)	Females (per cent.)	Employes thrown out of employ- ment.	Males (per cent.)	Females (per cent.)
Totals	850,599	97.75	2.25	132,906	99.44	0.56
1881.....	18,376	99.67	0.33	125	100.00	.....
1882.....	14,808	99.32	.68	.....	.....	.....
1883.....	20,181	99.78	.22	467	100.00	.....
1884.....	8,064	100.00	.....	1,847	100.00	.....
1885.....	22,070	98.07	1.93	730	100.00	.....
1886.....	108,696	97.62	2.38	13,228	100.00	.....
1887.....	44,948	99.53	.47	32,115	100.00	.....
1888.....	25,424	98.54	1.46	53	100.00	.....
1889.....	16,409	99.14	.86	1,269	100.00	.....
1890.....	67,539	99.10	.90	631	94.45	5.55
1891.....	32,071	98.90	1.10	5,473	100.00	.....
1892.....	25,229	96.68	1.32	686	100.00	.....
1893.....	60,708	99.07	.93	122	100.00	.....
1894.....	126,222	99.00	1.00	10,286	100.00	.....
1895.....	26,116	98.58	1.42	26	92.31	7.69
1896.....	49,697	96.78	13.22	1,043	100.00	.....
1897.....	33,361	99.19	.81	2,155	100.00	.....
1898.....	37,128	97.98	2.02	300	100.00	.....
1899.....	62,267	97.44	2.56	4,453	98.65	1.35
1900.....	51,364	95.47	4.53	61,808	98.76	1.24

This table reveals that of the total number excluded by strikes for the 20 years, 97.75 per cent were males and 2.25 per cent females. Very little variation from these percentages is found in the different years excepting however, the year 1896 when 86.78 per cent were males and 13.22 per cent females.

Observing that part of the table regarding lockouts, it is shown that a very small proportion were females. For the 20-year period the percentage was 99.44 males and 0.56 females.

In the following table is given the per cent of strikes and lockouts ordered by labor organizations, by years.

*Percentages of Strikes and Lockouts Ordered by Organizations,
Jan. 1, 1881, to Dec. 31, 1900.*

YEAR.	Strikes (per cent.)	Lockouts (per cent.)	YEAR.	Strikes (per cent.)	Lockouts (per cent.)
Totals	73.86	14.74	1891.....	69.75	.....
1881.....	56.11	.....	1892.....	76.61	.....
1882.....	49.21	.....	1893.....	74.43	66.67
1883.....	59.26	.....	1894.....	84.85	.....
1884.....	54.76	66.67	1895.....	72.13	.....
1885.....	59.72	66.67	1896.....	86.06	.....
1886.....	60.26	87.50	1897.....	75.84	20.00
1887.....	62.50	25.00	1898.....	82.61	.....
1888.....	65.00	.....	1899.....	85.53	10.00
1889.....	48.84	.....	1900.....	78.86	.....
1890.....	61.59	11.11			

Of the 2,640 strikes occurring during the 20 years 73.86 per cent were ordered by labor organizations, and of the 95 lockouts 14.74 per cent were brought about by employers. For the United States the percentages were 63.36 and 17.01 respectively.

The years 1894, 1896, 1898 and 1899 show the largest proportions of strikes ordered by labor organizations. The percent was, 86.06 in 1896; 85.53 in 1899; 84.85 in 1894 and 82.61 in 1898. The lowest proportions are shown in 1889 and 1882, being 48.84 and 49.21 per cent, respectively.

It will be noticed that the lower percentages are for the first ten years of the period with a decided increase during the last ten years.

Referring to the lockouts it is shown that these occurred in only eight of the 20 years. The percentages were largest, and the same, 66.67 in the years 1884, 1885 and 1893, and the smallest 10 per cent in 1899.

Following the foregoing and closely associated thereto, is presented a table showing the percentages of the establishments included in both strikes and lockouts:

*Percentages of Establishments Closed by Strikes and Lockouts,
Jan. 1, 1881, to Dec. 31, 1900.*

Year.	Strikes. (per cent.)	Lockouts. (per cent.)	Year.	Strikes. (per cent.)	Lockouts. (per cent.)
Total.....	65.84	86.93	1880.....	44.15	69.23
1881.....	90.41	100.00	1881.....	32.68	81.08
1882.....	61.12	.....	1882.....	69.17	16.67
1883.....	64.41	.....	1883.....	77.71	25.00
1884.....	27.97	33.50	1884.....	36.64	.38
1885.....	90.26	50.00	1885.....	69.92	.....
1886.....	83.44	100.00	1886.....	94.87	76.92
1887.....	73.30	99.48	1887.....	80.87	75.00
1888.....	39.77	25.00	1888.....	88.68	12.50
1889.....	61.83	100.00	1889.....	87.08	91.18
			1890.....	51.83	97.99

This table shows that of the 20,783 establishments involved in which strikes occurred during the 20 years, 13,683 or 65.84 per cent were closed. Of the 3,551 establishments concerned in lockouts 3,037 or 86.93 per cent were closed. The percentages for the United States for the 20-year period was 65.73 for strikes and 71.95 for lockouts. The highest per cent of establishments closed by strikes was reached in the years 1881, 1885 and 1896. The lowest in 1884, 1893, 1891 and 1894. Referring to the lockouts, of the 3,551 establishments involved, 3,087 or 86.93 per cent were closed.

It will be seen by reference to Table 10, that for the four years 1887, 1891, 1894 and 1900 are the only years in which any considerable number of establishments were concerned. These years include 90.26 per cent of the establishments and 93.2 per cent of those closed.

The following table gives the total number of establishments in which strikes and lockouts occurred with the average duration of days strikers, or those locked out were re-employed or the places filled by others:

Duration of Strikes and Lockouts Jan. 1, 1881, to Dec. 31, 1900.

YEAR.	STRIKES.		LOCKOUTS.	
	Establish-ments.	Average duration. (days.)	Establish-ments.	Average duration. (days.)
Total.....	20,783	21.2	3,551	186.3
1881.....	271	14.2	1	27.0
1882.....	206	16.4		
1883.....	576	26.4	33	25.0
1884.....	429	19.9	40	43.9
1885.....	236	25.3	10	36.4
1886.....	1,069	17.5	43	12.7
1887.....	1,569	11.1	790	53.2
1888.....	699	14.3	4	16.0
1889.....	165	56.7	3	197.0
1890.....	2,496	33.5	13	100.2
1891.....	1,111	22.6	111	53.5
1892.....	707	27.3	18	20.3
1893.....	1,382	12.2	4	13.3
1894.....	2,055	20.4	263	19.2
1895.....	266	24.1	4	73.3
1896.....	1,491	27.5	13	86.7
1897.....	1,968	15.3	76	21.0
1898.....	1,148	26.8	16	107.3
1899.....	1,850	13.4	68	27.5
1900.....	1,111	26.2	2,041	232.0

This table is derived from Tables 1 and 10. The average days given in this table differs from the averages given for the days closed. The average days closed temporarily by strikes in the 20,783 establishments was 19.2, and of the 3,551 establishments temporarily closed by lockouts the average days was 79.6. For the United States the averages were 20.1 and 52.4 days respectively.

The average days duration caused by strikes, as shown in the foregoing table for the 20-year period, was 21.2 and for lockouts 186.3 days. In nine of the years, 1881, 1882, 1884, 1886, 1887, 1888, 1893, 1897 and 1899, the average duration of strikes was less than 20 days; for the other 11 years the averages were slightly over 20 days, excepting 1889, when the average was 56.7 days.

The wage loss to employ  s and the loss to employers are the most important features in the report. The figures given here were collected with the greatest possible care, in many cases estimates had to be accepted but it is believed that the results are close approximations to the exact losses.

The following table presents the amount of loss to employ  s and employers on account of strikes and lockouts:

Wage Loss of Employ  s, Assistance to Employ  s and Loss of Employers, Jan. 1, 1881, to Dec. 31, 1900.

YEAR.	STRIKES.			LOCKOUTS.		
	TO DATE WHEN STRIKERS WERE RE-EMPLOYED OR EMPLOYED ELSEWHERE.		Loss of employers.	TO DATE WHEN EMPLOYEES LOCKED OUT WERE RE-EMPLOYED OR EMPLOYED ELSEWHERE.		Loss of employers.
	Wage loss of employ��s.	Assistance to employ��s.		Wage loss of employ��s.	Assistance to employ��s by labor organisations.	
Total.....	\$32,330,065	\$2,062,273	\$26,652,943	\$20,857,739	\$242,328	\$2,771,220
1881.....	\$334,444	\$7,915	\$372,390	\$2,125	.....	\$2,000
1882.....	636,648	11,042	403,201	.....	.....	.....
1883.....	1,398,585	101,360	1,615,641	16,438	749	12,300
1884.....	442,365	8,918	206,762	140,368	2,425	8,040
1885.....	1,190,921	15,648	287,340	118,710	1,200	78,252
1886.....	2,542,594	93,571	2,372,555	254,856	.....	246,475
1887.....	1,002,676	50,876	296,248	2,157,420	52,769	2,120,850
1888.....	1,667,479	1,411,964	4,701,294	3,228	848	300
1889.....	1,299,749	29,619	399,683	394,000	.....	50,000
1890.....	1,911,280	163,520	1,056,984	66,669	15,813	26,390
1891.....	1,630,013	93,376	661,774	179,060	15,500	157,500
1892.....	1,014,265	100,526	962,905	17,500	712	9,150
1893.....	1,096,594	25,767	827,620	9,835	487	600
1894.....	6,018,067	106,247	7,549,567	235,750	6,204	522,500
1895.....	1,110,067	17,568	294,847	2,775	866	2,300
1896.....	2,274,329	53,700	744,563	272,573	6,213	176,475
1897.....	1,005,043	25,376	299,820	183,500	21,600	126,500
1898.....	1,868,660	224,392	612,107	44,051	2,452	14,125
1899.....	2,034,908	126,371	750,257	612,021	12,400	96,325
1900.....	1,812,416	245,519	2,057,155	15,094,850	111,090	5,112,100

The amount of wage loss has been based on the number of employés thrown out of employment, reckoned on their average wages for the working days elapsing before they were re-employed or employed elsewhere. The loss to employers are the figures furnished by the proprietors and in most cases are estimates, but scrutinized closely by the agents as to correctness. All of these facts must be considered in a study of this table.

The total loss in wages by strikes to the employés in the establishments represented was \$32,390,065. The loss to the same through lockouts was \$20,857,739, making a total loss in wages to employés for both strikes and lockouts of \$53,247,804.

The number of persons thrown out of employment by strikes was 850,599, by lockouts 132,906, making a total of 983,505. These figures show an average wage loss of \$54 to each employé.

Referring to strikes, as stated the wage loss was \$32,390,065, the number of establishments involved being 20,783 and the number of employés put out of employment 850,599. These figures make the average wage loss to employés in each establishment, concerned in strikes for the entire period, \$1,558, and an average to each employé \$38.

For lockouts the number of establishments involved was 3,551; employés thrown out of employment 132,906; wage loss \$20,857,739. These figures show an average loss of \$5,874 to employés in each establishment, and an average loss of \$157 to each person.

For the United States the average loss to each person in both strikes and lockouts was \$46. For strikes \$42, and for lockouts \$97.

Conclusions as to real wage losses are liable to be misleading. Deductions of this character are made seemingly on the assumption that a similar rate of wages prevailed after as before the strike, and that the rate per day multiplied by the number of days embraced by the strike represent the actual wage loss. This general method of computation is open to the criticism that it does not fully include the results of strikes, which to the wage working interests is of most vital importance. It appears from the figures here given that 60 per cent of the strikes inaugurated for an increase of wages were wholly successful, while 10 per cent were partially so. In the case of the successful strikes, comprising substantially 70 per cent, the increased wages obtained would soon compensate for the actual time lost in

securing them, resulting ultimately in a decided gain instead of loss, and this wholly aside from the deterring effects of the successful wage strikes.

Observing the columns giving the amount of assistance to employes, it will be seen that during the 20 years \$3,053,273 was given to those concerned in strikes, and \$242,328 to those involved in lockouts, or a total of \$3,295,601. This sum is 6.19 per cent of the total wage loss, and is 16.79 per cent of the total assistance contributed from the 50 states and territories.

The loss to employers caused by strikes for the entire period was \$26,652,943; by lockouts \$8,771,220, making a total of \$35,424,163, this was an average of \$1,456 to each establishment. The average loss to each establishment through strikes was \$1,282, through lockouts \$2,470. The total number of strikes in the United States and territories during the 20-year period was 22,793, New York had the largest number, being 6,460, or 28.34 per cent; Pennsylvania follows with 2,846 or 12.49 per cent, and Illinois with 2,640 or 11.58 per cent. These three states accounting for 52.41 per cent of the total strikes. The number of establishments involved was 117,509, New York leads with 37,845 or 32.20 per cent, Illinois next with 20,784 or 17.69 per cent, and followed by Pennsylvania with 18,438 or 15.69 per cent, the three states representing 65.58 per cent.

Regarding the employes thrown out of employment by strikes, the total was 6,105,694. Pennsylvania shows 1,666,043 or 27.29 per cent, New York is next, with 1,193,361 or 19.55 per cent; Illinois follows with 850,599, or 13.93 per cent., making for the states named 60.77 per cent of the employes.

Considering the lockouts which occurred in the several states and territories, the record gives the number as 1,005; number of establishments 9,933; number of employes thrown out of employment 504,307. Of the number of lockouts, New York had 21.49 per cent; Pennsylvania 11.64 per cent, Massachusetts 9.65 per cent, Illinois 9.45 per cent.

Of the establishments affected this State leads with 35.75 per cent, followed by New York with 34.18 per cent, Pennsylvania with 6.99 per cent and Massachusetts with 5.44 per cent.

As regards the number of persons thrown out of employment, New York leads with 29.68 per cent, Illinois follows with 26.35 per cent, Pennsylvania with 11.45 per cent and Massachusetts with 7.14 per cent,

The following table presents the industries in which strikes and lookouts occurred during the 20 years. This table is derived from Tables 5 and 14.

Strikes by Industries—January 1, 1881, to December 31, 1900.

INDUSTRIES.	STRIKES.		ESTABLISHMENTS.		Average estab- lishment to a strike.	EMPLOYEES THROWN OUT OF EMPLOYMENT.	
	Number.	Per cent of total.	Number.	Per cent of total.		Number.	Per cent of total.
Total	2,640	100.00	20,784	100.00	7.9	850,599	100.00
Agricultural implements.	20	.76	20	.10	1.0	10,553	1.23
Boots and shoes	24	.91	34	.16	1.4	4,822	.57
Brewing	3	.11	30	.14	10.0	548	.07
Brick	44	.17	236	1.62	7.6	22,977	2.70
Building trades	321	11.11	10,287	49.35	12.5	177,727	20.90
Carriages and wagons....	4	.15	189	.89	47.3	2,632	.31
Clothing	67	2.54	1,143	5.59	17.1	29,902	3.51
Coal and coke	389	14.74	2,040	9.82	5.0	174,654	20.52
Cooperage	46	1.74	404	1.94	1.0	7,988	.93
Cotton and woolen goods.	3	.11	3	.02	1.0	130	.02
Cotton goods	1	.04	1	.....	1.0	275	.03
Domestic service.....	31	1.14	228	1.10	76.0	8,977	1.06
Food preparations	65	2.46	1,399	6.72	21.5	67,318	7.92
Furniture	42	1.59	182	.88	4.3	14,732	1.74
Glass.....	19	.72	61	.30	3.1	7,180	.83
Leather and leather goods	15	.57	27	.12	1.8	3,512	.41
Lumber	2	.08	151	.72	75.5	12,016	1.41
Machines and machinery.	66	2.50	477	2.20	7.2	29,493	3.47
Metal and metallic goods..	182	6.89	626	3.01	3.7	60,865	7.16
Musical instruments.....	17	.64	17	.08	1.0	1,163	.14
Paper and paper goods ...	3	1.14	3	.02	1.0	172	.02
Pottery, earthenware, etc.	10	.38	10	.05	1.0	1,065	.12
Printing and publishing..	71	2.69	191	.92	2.6	8,212	.98
Public ways construction.	26	1.22	29	.19	1.1	4,234	.50
Public works construction	26	1.22	26	.17	1.0	4,652	.55
Railroad car building.....	22	.82	24	.12	1.0	9,758	1.15
Rope and bagging.....	1	.04	1	.....	1.0	90	.02
Rubber goods	3	.12	3	.02	1.0	197	.02
Ship building, etc.....	12	.46	21	.10	1.8	3,550	.42
Stone quarrying & cutting	65	2.46	475	2.29	7.2	27,527	3.24
Telegraph and telephone.	9	.35	11	.05	1.2	291	.03

Strikes by Industries—Concluded.

INDUSTRIES.	STRIKES.		ESTABLISHMENTS.		Average estab- lishment to a strike.	EMPLOYEES THROWN OUT OF EMPLOYMENT.	
	Number.	Per cent of total.	Number.	Per cent of total.		Number.	Per cent of total.
Tobacco.....	99	3.75	1,222	5.93	12.4	9,490	1.11
Transportation.....	225	8.52	478	2.30	2.2	104,904	12.50
Watches.....	7	.27	7	.03	1.0	1,177	.14
Wooden goods.....	9	3.64	405	1.95	4.2	25,963	3.05
Woolen & worsted goods.	3	12	3	.01	1.0	263	.03
Miscellaneous.....	63	3.15	220	1.06	2.7	10,155	1.18

The industries number 36 with a small number classed as miscellaneous. Of these the building trades represent 31.11 per cent of the strikes, 49.35 per cent of the establishments and 20.90 per cent of the employes thrown out of employment. Coal and coke, transportation and metal and metallic goods follow as to the number of strikes. These four industries representing 61.26 per cent of the strikes, 64.48 per cent of the establishments and 61.08 per cent of the employes thrown out of employment.

The following table of lockouts shows similar calculations:

Lockouts by Industries—January 1, 1881, to December 31, 1900.

INDUSTRIES.	LOOKOUTS.		ESTABLISHMENTS.		Average estab- lishment to a lockout.	EMPLOYEES THROWN OUT OF EMPLOYMENT.	
	Number.	Per cent of total.	Number.	Per cent of total.		Number.	Per cent of total.
Total.....	95	100.00	2,551	100.00	27.4	122,906	100.00
Boots and shoes.....	1	1.05	1	.03	1.0	125	.09
Brewing.....	2	2.11	4	.12	2.0	40	.03
Brick.....	3	3.16	45	1.27	15.0	2,060	1.55
Building trades.....	15	15.79	2,178	86.50	211.2	95,068	71.54
Clothing.....	5	5.26	64	1.80	12.8	1,295	.97
Coal and coke.....	10	10.53	12	.34	1.2	1,781	1.34
Cooperage.....	1	1.05	1	.03	1.0	7	.01
Domestic service.....	1	1.05	2	.06	2.0	100	.08
Food preparations.....	4	4.21	9	.23	2.3	16,520	12.43
Furniture.....	5	5.26	45	1.27	9.0	1,677	1.26
Glass.....	3	3.16	3	.09	1.0	429	.32

Lockouts by Industries—Concluded.

INDUSTRIES.	LOCKOUTS.		ESTABLISHMENTS.		Average estab- lishment to a lockout.	EMPLOYEES THROWN OUT OF EMPLOYMENT.	
	Number.	Per cent of total.	Number.	Per cent of total.		Number.	Per cent of total.
Leather and leather goods	2	2.11	2	.08	1.0	1,300	.97
Machines and machinery.	3	3.18	3	.08	1.0	359	.19
Metal and metallic goods..	9	9.47	21	.59	2.4	2,467	1.86
Musical instruments.....	1	1.05	10	.28	10.0	3,500	2.63
Printing and publishing..	6	6.33	8	.22	3.7	118	.09
Stone quarrying & cutting	4	4.21	76	2.14	19.0	4,733	3.56
Tobacco.....	11	11.53	44	1.24	4.0	699	.53
Transportation.....	1	1.05	1	.03	1.0	100	.08
Wooden goods.....	5	5.26	5	.14	1.0	384	.30
Miscellaneous.....	3	3.18	17	.48	5.7	225	.17

The same industries as noticed in reference to strikes show different results. The four industries being as follows: lockouts 36.84 per cent, establishments 90.46 per cent, and employes thrown out of employment 74.82 per cent.

The next table gives for the 20 years the persons thrown out of employment by strikes and lockouts in each industry involved:

*Sex of Employes Thrown Out of Employment, by Industries—
January 1, 1881, to December 31, 1900*

INDUSTRIES.	STRIKES.			LOCKOUTS.		
	Employes thrown out of em- ployment	Males— (per cent.)	Females— (per cent.)	Employes thrown out of em- ployment.	Males— (per cent.)	Females— (per cent.)
Total.....	860,599	97.76	2.24	123,906	99.44	.56
Agricultural implements	10,553	99.05	.95	.....	.....	.....
Boots and shoes	4,823	70.82	29.18	125	100.00	.....
Brewing.....	545	100.00	.....	40	100.00	.....
Brick	23,977	99.57	.43	2,080	100.00	.....
Building trades.....	177,737	99.99	.01	95,088	99.98	.02
Carriages and wagons...	2,633	96.94	1.06	.....	.....	.....
Clothing.....	29,902	56.54	43.46	1,295	87.64	12.36
Coal and coke.....	174,654	100.00	.....	1,781	100.00	.....

Sex of Employés Thrown Out of Employment—Concluded.

INDUSTRIES.	STRIKES.			LOCKOUTS.		
	Employés thrown out of em- ployment.	Males— (per cent.)	Females— (per cent.)	Employés thrown out of em- ployment.	Males— (per cent.)	Females— (per cent.)
Cooperage.....	7,933	100.00	.....	7	100.00	.....
Cotton and woolen goods	130	10.77	89.23	.....	.....	.....
Cotton goods.....	275	34.55	65.45	.....	.....	.....
Domestic service.....	3,977	99.02	.98	100	100.00	.....
Food preparations.....	67,318	98.89	1.11	16,530	98.85	3.15
Furniture	14,783	99.63	.38	1,677	100.00	.....
Glass	7,180	100.00	.....	439	100.00	.....
Leather & leather goods	3,513	100.00	.....	1,300	100.00	.....
Lumber	12,016	100.00	.....	.....	.....	.....
Machines and machinery	29,493	100.00	.....	259	100.00	.....
Metal and metallic goods.	60,865	98.27	1.73	2,467	100.00	.....
Musical instruments.....	1,163	100.00	.....	2,500	100.00	.....
Paper and paper goods..	173	41.04	58.96	.....	.....	.....
Pottery, earthenware, etc	1,065	100.00	.....	.....	.....	.....
Printing and publishing.	3,313	97.83	2.17	113	98.31	1.69
Public ways constr'ction	4,334	100.00	.....	.....	.....	.....
Public w'rks constr'ction	4,653	100.00	.....	.....	.....	.....
Railroad car building....	9,768	98.98	1.02	.....	.....	.....
Rope and bagging.....	90	55.56	44.44	.....	.....	.....
Rubber goods.....	197	84.77	15.23	.....	.....	.....
Ship building.....	3,560	100.00	.....	.....	.....	.....
Stone quarrying & cutt'g	27,527	100.00	.....	4,723	100.00	.....
Telegraph and telephone	291	100.00	.....	.....	.....	.....
Tobacco	9,420	95.95	4.05	699	96.42	3.58
Transportation	106,384	100.00	.....	100	100.00	.....
Watches.....	1,177	64.74	35.26	.....	.....	.....
Wooden goods	25,863	99.54	.46	384	100.00	.....
Woolen & worsted goods.	252	51.59	48.41	.....	.....	.....
Miscellaneous.....	10,155	99.52	6.48	225	88.89	11.11

A similar table preceding gave the same matter by years. It will be noticed that comparatively a small per cent of the number thrown out of employment were females. Five of the industries, namely, building trades, coal and coke, food preparations, metal and metallic goods, and transportation account for 69 per cent of the employes affected by strikes. Referring to lockouts two of the industries, building trades and food preparations, represent 84 per cent of the employes.

In the following table is given by years, the percentages of establishments involved in strikes and lockouts, in which they succeeded partly, and failed, for the 20 years.

Results—For Establishments—of Strikes and Lockouts, January 1, 1881, to December 31, 1900.

YEAR.	PER CENT OF ESTABLISHMENTS IN WHICH STRIKES—			PER CENT OF ESTABLISHMENTS IN WHICH LOCKOUTS—		
	Succeeded	Succeeded partly.	Failed.	Succeeded	Succeeded partly.	Failed.
Total.....	56.02	8.24	35.64	65.04	2.90	22.06
1881.....	56.82	12.92	30.26	100.00	.....	.....
1882.....	59.31	4.87	29.22	.....	.....	.....
1883.....	78.82	4.96	16.22	100.00	.....	.....
1884.....	82.68	.....	16.32	67.50	.....	22.50
1885.....	46.90	4.42	48.68	10.00	.....	90.00
1886.....	29.00	19.83	51.17	16.28	69.77	13.95
1887.....	24.67	2.49	62.84	10.62	.....	89.37
1888.....	72.42	.29	27.29	25.00	.....	75.00
1889.....	21.21	43.03	35.76	100.00	.....	.....
1890.....	24.28	20.29	45.35	76.92	7.69	15.39
1891.....	76.59	2.98	20.53	21.62	64.86	13.52
1892.....	60.40	12.40	26.90	77.78	.....	22.22
1893.....	75.76	11.14	13.10	25.00	.....	75.00
1894.....	24.48	2.94	71.63	.76	.....	99.24
1895.....	50.75	16.54	22.71	100.00	.....	.....
1896.....	24.00	7.88	58.62	100.00	.....	.....
1897.....	78.13	.40	21.47	42.42	.....	56.58
1898.....	85.89	5.67	8.54	92.75	.....	6.25
1899.....	87.72	4.11	8.16	22.98	.....	76.12
1900.....	52.74	12.95	22.21	98.97	.....	1.03

As to strikes, it is shown that in 56.02 per cent of the establishments the employes succeeded in their demands; in 8.34 per cent they succeeded partly while in 35.64 per cent they failed.

Referring to lockouts the firms that succeeded was 65.04 per cent; those succeeding partly 2.9 per cent while 32.06 per cent failed.

The causes of strikes during the 20 years is given in Table 9, showing the number of establishments involved; the number in which strikes succeeded, succeeded partly, and failed. A similar table for lockouts is numbered 18.

From Table 9 the following shows 29 leading causes of the strikes for the entire period:

Leading Causes of Strikes—January 1, 1881, to December 31, 1900.

Causes.	Establishments.	Per cent.
Total for the State	30,798	100.00
All other causes (\$10)	2,271	10.93
Total of 29 leading causes	18,512	59.07
For increase of wages	4,081	19.64
For increase of wages and reduction of hours	2,063	9.88
For reduction of hours	1,430	6.88
For adoption of new scale	1,337	6.43
In sympathy of strike elsewhere	1,292	6.23
Against reduction of wages	1,010	4.86
For enforcement of union rules	815	3.92
For increase of wages, Saturday half holiday, and privilege of working for employers not members of masters' association	800	3.85
For increase of wages and against the use of material from non-union establishment	750	3.61
Against clause in contract which prevented employes from working for contractors not members of masters' associations	500	2.41
To compel world's fair directors to employ none but union men in building trades	473	2.37
Against employment of non-union men	451	2.17
For increase of wages according to agreement	359	1.73
For increase of wages and recognition of union	355	1.71
Against being compelled to board with employer and for reduction of hours and recognition of union	350	1.68
For fortnightly payment	337	1.57
For increase of wages, reduction of hours, time and a half for over-time, double time for Sundays, holidays and after midnight, and adoption of union apprenticeship rules	285	1.37
For adoption of union rules and union scale	287	1.14
Against obnoxious rules and reduction of wages	204	.98

Leading Causes of Strikes—Concluded.

Causes.	Establishments.	Per cent.
Against working on job with non-union employes under another contractor	184	.88
Against increase of hours and reduction of wages	181	.87
For increase of wages, reduction of hours, and recognition of union ..	178	.88
For enforcement of union scale.....	168	.74
For reduction of hours and recognition of union.....	140	.67
For increase of wages and enforcement of union indenture rules	132	.64
For increase of wages and Saturday half holiday	120	.58
Against increase of hours.....	119	.57
For restoration of wages	103	.49
For adoption of sliding scale.....	100	.48

This list embraces all the strikes where 100 or more establishments were involved, and represents 89.07 per cent of the whole number. The remaining 310 causes or objects of strikes represent only 10.93 per cent of the establishments. It will be seen that in 21 of these leading causes about 68 per cent of all the establishments involved in the twenty years contain the question of increase of wages, reduction of hours, or the question of wages associated with some other controversy.

The following table includes the same 29 causes of strikes and shows the per cent of establishments in which strikes succeeded, succeeded partly, and failed:

Results of Strikes Undertaken for the 29 Leading Causes, where more than 100 Establishments were Involved, for All Other Causes and for the State—Jan. 1, 1881, to Dec. 31, 1900.

CAUSE OR OBJECT.	PER CENT OF ESTABLISHMENTS IN WHICH STRIKES—		
	Succeeded	Succeeded partly.	Failed.
Total for State	56.02	8.34	35.64
All other causes (310).....	63.32	8.76	27.92
Total of 29 leading causes.....	55.12	8.38	36.50
For increase of wages	59.50	10.93	29.57
For increase of wages and reduction of hours	66.49	9.06	24.45

Results of Strikes—Concluded.

CAUSE OR OBJECT.	PER CENT OF ESTABLISHMENTS IN WHICH STRIKES—		
	Succeeded	Succeeded partly.	Failed.
For reduction of hours.....	54.36	12.33	31.36
For adoption of new scale.....	29.57	18.83	43.60
In sympathy of strike elsewhere.....	1.70	2.33	95.97
Against reduction of wages.....	26.63	21.09	32.08
For enforcement of union rules.....	99.63		.87
For increase of wages, Saturday half holiday and privilege of working for employers not members of masters' asso- ciation.....	100.00		
For increase of wages and against the use of material from non-union establishment.....			100.00
Against clause in contract which prevented employes from working for contractors not members of masters' asso- ciation.....	100.00		
To compel world's fair directors to employ none but union men in building trades.....	100.00		
Against employment of non-union men.....	77.43		22.17
For increase of wages according to agreement.....	2.51		97.49
For increase of wages and recognition of union.....	4.23		95.77
Against being compelled to board with employer and for reduction of hours and recognition of union.....	100.00		
For fortnightly payments.....			100.00
For increase of wages, reduction of hours, time and a half for overtime, double time for Sundays, holidays, and after midnight, and adoption of union apprenticeship rules.....	100.00		
For adoption of union rules and union scale.....	92.40	3.38	4.23
Against obnoxious rules and reduction of wages.....	100.00		
Against working on job with non-union employes under another contractor.....	10.87		89.13
Against increase of hours and reduction of wages.....	4.43	24.31	71.27
For increase of wages, reduction of hours and recognition of union.....	20.23	57.80	21.97
For enforcement of union scale.....	95.42	1.31	3.27
For reduction of hours and recognition of union.....	95.71	0.72	3.57
For increase of wages and enforcement of union inden- ture rules.....	100.00		
For increase of wages and Saturday half holiday.....	83.33		16.67
Against increase of hours.....	21.01		78.99
For restoration of wages.....	64.71	0.98	34.31
For adoption of sliding scale.....			100.00

As shown in the preceding table for the twenty year period, 4,081 or 19.64 per cent of all the establishments were involved in strikes for an increase of wages; while 59.50 per cent succeeded, 10.93 per cent succeeded partly, while 29.57 per cent failed. In the establishments where strikes occurred for an increase of wages, and a reduction of hours, 66.49 per cent succeeded. For reduction of hours 56.36 per cent succeeded. In seven of the causes the result was entirely successful.

It will also be seen that, during the twenty years, 1,292 establishments, being 6.22 per cent of the whole number were involved in strikes where the cause was in sympathy with strikes elsewhere. For this cause 1.70 per cent succeeded, 2.33 per cent succeeded partly and 95.97 per cent failed.

By reference to the tables further details of the strikes and lock-outs may be seen.

Part IV

POPULATION OF ILLINOIS

THE CENSUS OF POPULATION OF ILLINOIS.

The commissioners of this bureau desire to acknowledge and give due credit to the Director of the Twelfth Census of the United States, Hon. William R. Merriman, for the data presented in the following tables:

It is apprehended that comparatively few citizens of the State have access to the census reports, and are therefore limited in their knowledge of the facts collected and compiled by the census bureau.

The subject of population has been selected for reproduction as being one of more general interest than any other of the several subjects treated by the Government Census Department.

TWELFTH CENSUS OF THE UNITED STATES—POPULATION OF ILLINOIS BY COUNTIES AND MINOR CIVIL DIVISIONS.

This bulletin, prepared under the direction of Mr. William C. Hunt, chief statistician for population, gives the aggregate population of Illinois by counties and minor civil divisions, according to the official count of the returns of the Twelfth Census, taken as of June 1, 1900.

Illinois was organized as a territory March 1, 1809, and admitted as a state December 3, 1818. Table 1 shows the population of Illinois at each census from 1810 to 1900, inclusive, together with the increase by number and per cent during each decade.

TABLE 1—*Population of Illinois: 1810 to 1900.*

CENSUS YEARS.	Population.	INCREASE.	
		Number.	Per cent.
1900.....	4,821,560	995,199	25.0
1890.....	3,826,351	748,480	24.3
1880.....	3,077,871	537,980	21.1
1870.....	2,539,891	827,940	48.3
1860.....	1,711,951	860,481	101.0
1850.....	851,470	375,287	78.8
1840.....	476,183	313,723	202.4
1830.....	157,445	102,233	185.4
1820.....	55,162	42,880	249.1
1810.....	12,282	.....	.....

The population of the State in 1900 is 4,821,550 as compared with a population of 995,199, or 26 per cent. This is a greater rate of increase than that for any in the history of the State. Prior to 1870 the growth of the State was very

The present population of the State is more than 392 times as great as the territory in 1809.

The total land surface of Illinois is, approximately, 56,000 square miles, the being as follows: 1890, 68.3; 1900, 86.0.

Table No. 2 shows the population of Illinois by counties at each census from for each county, the increase (or decrease) by number and per cent during

TABLE No 2—*Population of*

Counties.	1900	1890	1880	1870	1860	1850
The State.....	4,821,550	2,826,361	2,077,871	2,539,891	1,711,951	851,470
Adams.....	67,069	61,889	59,125	64,362	41,323	26,508
Alexander.....	19,384	16,668	14,808	10,584	4,707	2,484
Bond.....	16,678	14,660	14,896	12,152	9,815	6,144
Boone.....	15,791	12,203	11,508	17,943	11,678	7,624
Brown.....	11,567	11,951	12,041	12,205	9,938	7,196
Bureau.....	41,112	35,014	32,173	32,415	26,426	8,841
Calhoun.....	8,917	7,652	7,467	6,562	5,144	3,231
Carroll.....	18,963	18,320	16,976	15,705	11,733	4,596
Cass.....	17,223	15,963	14,493	11,680	11,325	7,253
Champaign.....	47,622	42,159	40,863	32,737	14,629	2,649
Christian.....	32,790	30,531	28,227	20,263	10,492	3,208
Clark.....	24,023	21,899	21,894	18,719	14,967	9,632
Clay.....	19,553	16,772	16,192	15,875	9,336	4,289
Clinton.....	19,824	17,411	18,714	16,226	10,941	5,139
Coles.....	34,146	30,068	27,042	25,225	14,203	9,335
Cook.....	1,838,785	1,191,922	607,524	349,966	144,954	43,395
Crawford.....	19,240	17,288	16,197	12,889	11,561	7,136
Cumberland.....	16,124	16,443	12,769	12,222	8,311	3,718
DeKalb.....	31,756	27,086	26,768	22,265	19,066	7,540
DeWitt.....	18,972	17,011	17,010	14,768	10,820	5,002
Douglas.....	19,097	17,669	15,853	12,484	7,140	.....
DuPage.....	28,196	22,551	19,161	16,695	14,701	9,290
Edgar.....	28,273	26,787	25,499	21,450	16,925	10,692
Edwards.....	10,245	9,444	8,597	7,596	5,454	3,524
Efingham.....	20,485	19,358	18,920	15,653	7,816	2,799
Fayette.....	23,065	22,267	22,241	19,438	11,189	8,075
Ford.....	18,359	17,085	15,099	9,102	1,979	.....
Franklin.....	19,676	17,138	16,129	12,652	9,393	5,681
Fulton.....	46,201	42,110	41,240	38,291	23,239	22,508
Gallatin.....	15,836	14,985	12,861	11,124	8,055	5,448
Greene.....	22,402	22,791	22,010	20,377	16,093	12,429
Grundy.....	24,126	21,024	16,732	14,587	10,379	8,022
Hamilton.....	20,197	17,800	16,712	12,014	9,915	6,262
Hancock.....	32,215	31,907	35,397	25,585	29,061	14,652
Hardin.....	7,448	7,234	6,024	5,113	3,759	2,587
Henderson.....	10,836	9,876	10,722	12,582	9,501	4,612
Henry.....	40,049	38,338	36,597	35,506	20,660	3,507
Iroquois.....	38,014	35,167	35,451	25,732	12,235	4,149
Jackson.....	22,871	27,509	22,505	19,634	9,569	5,862
Jasper.....	20,160	18,188	14,515	11,234	8,364	3,220
Jefferson.....	28,123	22,590	20,696	17,964	12,985	8,109
Jersey.....	14,612	14,510	15,542	15,054	12,051	7,354
JoDavies.....	24,523	25,101	27,528	27,520	27,325	15,004
Johnson.....	15,667	15,918	13,078	11,248	9,842	4,114
Kane.....	78,792	65,061	44,939	39,091	30,062	16,703

tion in 1890 of 3,826,351, showing an increase during the last ten years of decade since 1870, and a greater numerical increase than that for any decade rapid, and the rate of increase was much greater than it has since been. population reported for 1810, the first census taken after its organization as a

average number of persons to the square mile at the censuses of 1890 and 1900

1810 to 1900, inclusive, while Table 3, which immediately follows, shows, the ten years from 1890 to 1900.

Illinois by Counties—1810 to 1900.

1840	1850	1860	1870	1880	1890	Counties.
476,183	157,445	55,211	12,282	*2,458	.....	The State.....
14,476	2,186	.....	.....	.....	.....	Adams.....
3,312	1,290	625	.....	.....	.....	Alexander.....
5,080	3,124	2,981	.....	.....	.....	Bond.....
1,705	.....	.....	.....	.....	.....	Boone.....
4,183	.....	.....	.....	.....	.....	Brown.....
3,067	.....	.....	.....	.....	.....	Bureau.....
1,741	1,090	.....	.....	.....	.....	Calhoun.....
1,023	.....	.....	.....	.....	.....	Carroll.....
2,961	.....	.....	.....	.....	.....	Cass.....
1,475	.....	.....	.....	.....	.....	Champaign.....
1,579	.....	.....	.....	.....	.....	Christian.....
7,453	2,940	981	.....	.....	.....	Clark.....
3,229	755	.....	.....	.....	.....	Clay.....
3,718	2,330	.....	.....	.....	.....	Clinton.....
9,616	.....	.....	.....	.....	.....	Coles.....
10,201	.....	.....	.....	.....	.....	Cook.....
4,423	2,117	3,022	.....	.....	.....	Crawford.....
1,697	.....	.....	.....	.....	.....	Cumberland.....
2,247	.....	.....	.....	.....	.....	DeKalb.....
.....	.....	.....	.....	.....	.....	DeWitt.....
3,535	.....	.....	.....	.....	.....	Douglas.....
3,225	4,071	.....	.....	.....	.....	DuPage.....
3,070	1,649	2,444	.....	.....	.....	Edgar.....
1,675	.....	.....	.....	.....	.....	Edward.....
6,328	2,704	.....	.....	.....	.....	Emmingsham.....
3,052	4,055	1,763	.....	.....	.....	Fayette.....
12,142	1,841	.....	.....	.....	.....	Ford.....
10,760	7,405	3,155	.....	.....	.....	Franklin.....
11,961	7,674	.....	.....	.....	.....	Fulton.....
3,945	2,616	.....	.....	.....	.....	Gallatin.....
9,946	658	.....	.....	.....	.....	Greene.....
1,378	.....	.....	.....	.....	.....	Grundy.....
.....	.....	.....	.....	.....	.....	Hamilton.....
1,260	41	.....	.....	.....	.....	Hancock.....
1,656	.....	.....	.....	.....	.....	Hardin.....
3,566	1,828	1,542	.....	.....	.....	Henderson.....
1,472	.....	.....	.....	.....	.....	Henry.....
5,762	2,555	691	.....	.....	.....	Iroquois.....
4,535	.....	.....	.....	*100	.....	Jackson.....
*1,150	2,111	.....	.....	.....	.....	Jasper.....
3,623	1,596	843	.....	.....	.....	Jefferson.....
6,501	.....	.....	.....	.....	.....	Jersey.....
.....	.....	.....	.....	.....	.....	JoDavless.....
.....	.....	.....	.....	.....	.....	Johnson.....
.....	.....	.....	.....	.....	.....	Kane.....

Table No. 2

Counties.	1900	1890	1880	1870	1860	1850
Kankakee	37,154	28,732	25,047	24,233	15,413	.....
Kendall.....	11,467	12,106	12,068	12,390	13,074	7,730
Knox.....	43,612	33,753	35,344	39,523	28,663	12,379
Lake.....	34,504	24,325	21,236	21,014	18,257	14,236
LaSalle.....	67,776	60,798	70,403	60,798	46,823	17,615
Lawrence.....	16,523	14,683	12,663	12,523	9,214	6,121
Lee.....	29,694	26,157	27,491	27,171	17,651	5,292
Livingston.....	42,035	33,455	35,490	31,471	11,637	1,563
Logan.....	23,689	25,439	25,037	23,053	14,372	5,126
McDonough.....	23,412	27,467	27,970	26,509	30,089	7,616
McHenry.....	29,759	26,114	24,908	23,763	22,089	14,978
McLean.....	67,843	63,086	60,100	53,986	28,773	10,163
Macon.....	44,003	28,063	20,686	24,481	12,736	3,988
Macoupin.....	42,266	40,390	37,632	32,736	24,603	12,265
Madison.....	64,694	51,535	50,126	44,131	31,251	20,441
Marion.....	30,446	24,241	22,696	20,622	12,739	6,730
Marshall.....	16,370	12,453	15,065	16,956	12,437	5,130
Mason.....	17,491	16,067	16,243	16,184	10,321	5,321
Massac.....	12,110	11,212	10,443	9,561	6,212	4,032
Menard.....	14,236	12,120	12,034	11,735	9,694	6,249
Mercer.....	20,945	12,545	19,502	13,769	15,042	5,246
Monroe.....	15,847	12,848	18,032	12,962	12,633	7,979
Montgomery.....	30,338	30,003	28,078	25,314	18,979	6,377
Morgan.....	36,006	32,636	31,614	25,463	22,112	16,064
Moultrie.....	15,224	14,481	12,669	10,955	6,336	3,234
Ogle.....	22,129	22,710	22,927	27,492	22,868	10,020
Peoria.....	65,608	70,378	55,355	47,540	36,601	17,547
Perry.....	19,330	17,529	16,037	15,723	9,552	5,278
Piatt.....	17,706	17,062	15,688	16,953	6,127	1,906
Pike.....	31,596	31,000	32,751	30,768	37,249	15,519
Pope.....	12,585	14,016	12,256	11,437	6,742	3,975
Pulaski.....	14,554	11,255	9,507	8,752	3,943	2,265
Putnam.....	4,746	4,730	5,564	6,230	5,567	3,934
Randolph.....	25,001	25,049	25,690	20,859	17,205	11,079
Richland.....	16,391	15,019	15,545	12,808	9,711	4,012
Rock Island.....	55,249	41,917	38,302	29,783	21,005	6,937
St. Clair.....	94,695	66,571	61,806	51,088	37,694	20,180
Saline.....	21,695	19,342	15,940	12,714	9,331	5,699
Sangamon.....	71,593	61,195	52,894	46,823	32,374	19,228
Schuyler.....	16,129	16,012	16,249	17,419	14,634	10,573
Scott.....	10,455	10,304	10,741	10,530	9,069	7,914
Shelby.....	22,126	31,191	30,270	26,476	14,613	7,307
Stark.....	10,186	9,963	11,207	10,751	9,004	3,710
Stephenson.....	24,923	31,238	31,963	30,606	25,112	11,696
Tasewell.....	23,221	29,556	29,696	27,903	31,470	12,062
Union.....	22,610	21,549	18,102	16,518	11,181	7,615
Vermillion.....	65,635	49,905	41,598	30,398	19,800	11,432
Wabash.....	12,563	11,996	9,945	8,841	7,813	4,690
Warren.....	22,163	21,281	22,633	23,174	18,236	8,178
Washington.....	19,536	19,262	21,112	17,599	12,781	6,953
Wayne.....	27,626	23,806	21,291	17,329	12,223	6,326
White.....	25,396	25,005	23,067	16,846	12,403	8,926
Whiteside.....	34,710	30,854	30,686	27,503	18,737	5,361
Will.....	74,764	62,007	53,422	43,013	29,321	16,708
Williamson.....	27,796	22,226	19,324	17,329	12,205	7,216
Winnebago.....	47,845	39,938	30,505	29,301	24,491	11,773
Woodford.....	21,622	21,429	21,620	18,956	12,232	4,415

* Then in the territory of Indiana.

† McDonough and Schuyler reported together and credited to Schuyler in 1890.

‡ Peoria and Putnam reported together and credited to Putnam in 1880.

—Concluded.

1840	1860	1870	1880	1890	1900	Counties.
7,080	274					Kankakee
2,634						Kendall
9,348						Knob
						Lake
						LaSalle
7,092	3,668					Lawrence
2,035						Lee
789						Livingston
2,523						Logan
5,308	†					McDonough
2,578						McHenry
6,545						McLean
2,089	1,122					Macon
7,826	1,890					Macoupin
14,433	6,321	12,560				Madison
4,742	2,125					Marion
1,849						Marshall
						Mason
						Massac
4,431						Menard
2,852	28					Mercer
4,431	2,000	1,537				Monroe
4,490	12,953					Montgomery
19,547	12,714					Morgan
						Moultrie
3,479						Ogle
6,153	†					Peoria
3,223	1,215					Perry
11,728	2,356					Platt
						Pike
4,094	3,316	2,610				Pope
2,131	11,310					Pulaski
7,944	4,429	3,492	7,275	*1,103		Putnam
						Randolph
						Richland
2,610						Rock Island
13,631	7,078	5,253	5,007	*1,225		St. Clair
						Saline
14,716	12,990					Sangamon
6,973	2,969					Schuyler
6,215						Scott
6,659	2,972					Shelby
1,573						Stark
2,900						Stephenson
7,221	4,716					Tazewell
5,524	3,229	2,362				Union
9,303	5,536					Vermilion
4,240	2,710					Wabash
6,739	308					Warren
4,810	1,675	1,517				Washington
5,133	2,553	1,114				Wayne
7,919	6,091	4,823				White
2,514						Whiteside
10,167						Will
4,457						Williamson
4,609						Winnebago
						Woodford

TABLE NO. 3—*Increase in Population of Illinois by Counties—1890 to 1900.*

COUNTIES.	INCREASE.		COUNTIES.	INCREASE.	
	No.	Per cent.		No.	Per cent.
The State.....	995,199	26.0	Lawrence.....	1,830	12.4
Adams.....	5,170	8.3	Lee.....	3,707	14.1
Alexander.....	2,821	17.0	Livingston.....	3,580	9.3
Bond.....	1,528	10.5	Logan.....	3,191	12.5
Boone.....	3,588	29.4	McDonough.....	945	3.4
Brown.....	* 394	* 3.2	McHenry.....	3,645	12.9
Bureau.....	6,098	17.4	McLean.....	4,807	7.6
Calhoun.....	1,265	16.5	Macon.....	5,920	15.5
Carroll.....	643	3.6	Macoupin.....	1,876	4.6
Cass.....	1,259	7.8	Madison.....	13,159	25.5
Champaign.....	5,463	12.9	Marion.....	6,105	25.0
Christian.....	2,259	7.2	Marshall.....	2,717	19.9
Clark.....	2,134	9.7	Mason.....	1,424	8.8
Clay.....	2,781	16.5	Massac.....	1,797	15.8
Clinton.....	2,413	13.8	Menard.....	1,216	9.2
Coles.....	4,053	13.4	Mercer.....	2,400	12.9
Cook.....	646,813	54.2	Monroe.....	899	6.9
Crawford.....	1,957	11.3	Montgomery.....	833	2.7
Cumberland.....	681	4.4	Morgan.....	2,370	7.2
DeKalb.....	4,690	17.3	Moultrie.....	743	5.1
DeWitt.....	1,961	11.5	Ogle.....	419	1.4
Douglas.....	1,428	8.0	Peoria.....	18,230	25.9
DuPage.....	5,645	25.0	Perry.....	2,301	12.1
Edgar.....	1,486	5.5	Platt.....	644	3.7
Edwardsville.....	901	9.5	Pike.....	595	1.9
Effingham.....	1,107	5.7	Pope.....	*431	*3.0
Fayette.....	4,698	20.1	Pulaski.....	3,199	28.1
Ford.....	1,324	7.7	Putnam.....	16	0.3
Franklin.....	2,537	14.8	Randolph.....	2,952	11.7
Fulton.....	3,091	7.1	Richland.....	1,372	9.1
Gallatin.....	901	6.0	Rock Island.....	13,332	31.8
Greene.....	*389	*1.6	St. Clair.....	20,114	30.2
Grundy.....	3,112	14.8	Saline.....	2,343	12.1
Hamilton.....	2,397	13.4	Sangamon.....	10,398	16.9
Hancock.....	308	0.9	Schuyler.....	116	0.7
Hardin.....	214	2.9	Scott.....	151	1.4
Henderson.....	950	9.7	Shelby.....	935	2.9
Henry.....	6,711	20.1	Stark.....	204	2.0
Iroquois.....	2,847	8.0	Stephenson.....	3,595	11.4
Jackson.....	6,062	21.7	Tazewell.....	3,665	12.4
Jasper.....	1,972	10.8	Union.....	1,061	4.9
Jefferson.....	5,543	24.5	Vermilion.....	15,730	31.5
Jersey.....	*198	*1.2	Wabash.....	717	6.0
JoDaviess.....	*568	*3.2	Warren.....	1,882	8.8
Johnson.....	654	4.3	Washington.....	264	1.3
Kane.....	13,731	21.1	Wayne.....	3,820	16.0
Kankakee.....	8,422	29.2	White.....	381	1.5
Kendall.....	*639	*5.2	Whiteside.....	3,856	12.4
Knox.....	4,860	12.5	Will.....	12,757	20.5
Lake.....	10,269	42.3	Williamson.....	5,570	25.0
LaSalle.....	6,978	8.6	Winnebago.....	7,907	19.7
			Woodford.....	393	1.8

* Decrease.

There have been no territorial changes in the counties of Illinois since 1890.

Of the 102 counties in the State all but six have increased in population during the decade, the counties showing the largest percentages of increase being Cook, 54.2 per cent; Lake, 42.3 per cent; Rock Island, 31.8 per cent; Vermilion, 31.5 per cent; St. Clair, 30.2 per cent; Boone, 29.4 per cent; Kankakee, 29.3 per cent; and Pulaski, 28.1 per cent.

The six counties showing a decrease are Brown, Greene, Jersey, JoDaviess, Kendall, and Pope.

Table No. 4 shows the population of Illinois by minor civil divisions, so far as it was separately returned at the censuses of 1890 and 1900.

TABLE NO. 4—*Population of Illinois by Minor Civil Divisions—1890 and 1900.*

Minor Civil Divisions.	1900	1890
ADAMS COUNTY	67,058	61,868
Beverly township.....	1,061	982
Burton township.....	1,007	1,174
Camp Point township, including Camp Point village.....	2,126	2,003
Camp Point village.....	1,280	1,150
Clayton township, including Clayton village.....	1,822	1,912
Clayton village.....	996	1,038
Columbus township, including part of Columbus village.....	951	1,000
Columbus village (part of).....	126	149
Total for Columbus village, in Columbus and Gilmer townships.....	196	201
Concord township.....	907	1,089
Ellington township.....	1,278	1,222
Fall Creek township.....	952	854
Gilmer township, including part of Columbus village.....	1,066	1,126
Columbus village (part of).....	60	52
Honey Creek township, including Coatsburg village.....	1,259	1,287
Coatsburg village.....	821	808
Houston township.....	822	981
Keene township, including Loraine village.....	1,168	1,280
Loraine village.....	849	827
Liberty township.....	1,141	1,226
Lima township, including Lima village.....	1,554	1,404
Lima village.....	290	251
McKee township.....	1,067	1,065
Melrose township, exclusive of part of Quincy city.....	2,117	2,077
Mendon township, including Mendon village.....	1,361	1,489
Mendon village.....	627	640
Northeast township, including Golden and LaPrairie villages.....	1,511	1,488
Golden village.....	516	466
LaPrairie village.....	182	194
Payson township, including Payson and Plainville villages.....	1,697	1,819
Payson village.....	465	.....
Plainville village.....	296	.....
Quincy city, in Melrose and Riverside townships.....	36,252	31,494
Ward 1.....	5,440	.....
Ward 2.....	5,194	.....
Ward 3.....	5,497	.....
Ward 4.....	6,785	.....
Ward 5.....	6,807	.....
Ward 6.....	4,199	.....
Ward 7.....	2,340	.....
Richfield township.....	1,010	1,114
Riverside township, exclusive of part of Quincy city.....	2,432	2,168
Ursa township.....	1,496	1,614
ALEXANDER COUNTY	19,284	16,563
Beech Ridge precinct*.....	269	371
Cache precinct*.....	506	.....
Cairo, precinct, coextensive with Cairo city*.....	12,596	10,422
Cairo city.....	12,596	10,324
Ward 1.....	1,354	.....
Ward 2.....	1,206	.....
Ward 3.....	1,804	.....
Ward 4.....	1,519	.....
Ward 5.....	1,817	.....
Ward 6.....	1,953	.....
Ward 7.....	2,918	.....
Clear Creek precinct.....	645	646
East Cape Girardeau precinct.....	449	602
Elco precinct.....	1,247	1,206
Goose Island precinct.....	502	734
Lake Milligan precinct.....	235	357

* Cache precinct organized from parts of Beech Ridge and Cairo precincts since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1990
ALEXANDER COUNTY—Concluded.		
Sandusky precinct.....	696	747
Santa Fé precinct.....	377	379
Thebes precinct, including Thebes village.....	964	673
Thebes village.....	417	.....
Unity precinct.....	789	726
BOND COUNTY.....	16, 078	14, 560
Burgess township, including Millersburg and Pocahontas villages ...	1, 551	1, 346
Millersburg village.....	306	.....
Pocahontas village.....	482	373
Central township, including Greenville city.....	2, 467	2, 798
Greenville city.....	2, 504	1, 868
Lagrange township.....	1, 864	1, 401
Mills township.....	994	1, 094
Mulberry Grove township, including Mulberry Grove village.....	2, 163	2, 006
Mulberry Grove village.....	632	.....
Old Ripley township.....	1, 061	1, 099
Pleasant Mound township, including Smithboro village.....	1, 466	1, 573
Smithboro village.....	314	363
Shoal Creek township, including Sorento village.....	2, 726	2, 170
Sorento village.....	1, 000	536
Tamalco township, including part of Keyesport village.....	1, 282	1, 076
Keyesport village (part of).....	249	.....
Total for Keyesport village, in Tamalco township, Bond county, and Irishtown township, Clinton county.....	500	.....
BOONE COUNTY.....	15, 791	12, 203
Belvidere township, including Belvidere city.....	8, 347	4, 832
Belvidere city.....	6, 337	3, 967
Ward 1.....	1, 573	.....
Ward 2.....	1, 491	.....
Ward 3.....	1, 378	.....
Ward 4.....	1, 324	.....
Ward 5.....	1, 271	.....
Bonus township.....	1, 114	1, 015
Boone township, including Capron village and part of Poplar Grove village.....	1, 469	1, 474
Capron village.....	502	436
Poplar Grove village (part of).....	122	89
Total for Poplar Grove village, in Boone and Caledonia townships	623	523
Caledonia township, including part of Poplar Grove village.....	1, 176	1, 237
Poplar Grove village (part of).....	201	143
Flora township.....	337	369
Le Roy township.....	642	666
Manchester township.....	684	935
Spring township.....	1, 022	953
BROWN COUNTY.....	11, 557	11, 951
Buckhorn township.....	1, 025	1, 012
Cooperstown township.....	1, 411	1, 466
Elkhorn township.....	1, 125	1, 274
Lee township, including Mound Station town.....	1, 108	1, 277
Mound Station town.....	178	219
Missouri township.....	796	813
Mt. Sterling township, including Mt. Sterling town.....	3, 138	2, 822
Mt. Sterling town.....	1, 860	1, 655
Pea Ridge township.....	946	1, 012
Ripley township, including Ripley town.....	491	495
Ripley town.....	236	304
Versailles township, including Versailles town.....	1, 524	1, 718
Versailles town.....	524	517

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
BUREAU COUNTY.....	41,112	35,014
Arlisle township, including part of Tiskilwa village.....	1,209	1,042
Tiskilwa village (part of).....	496	362
Total for Tiskilwa village, in Arlisle and Indiantown townships.....	965	801
Berlin township, including Maiden village and part of Dover village.....	1,052	1,126
Dover village (part of).....	37	30
Total for Dover village, in Berlin and Dover townships.....	247	220
Maiden village.....	309	319
Bureau township.....	781	779
Clarion township.....	705	792
Concord township, including Buda and Sheffield villages.....	2,965	2,759
Buda village.....	572	990
Sheffield village.....	1,266	992
Dover township, including part of Dover village.....	1,076	1,188
Dover village (part of).....	210	190
Fairfield township.....	921	847
Goid township.....	766	499
Greenville township.....	1,123	946
Hall township, including Ladd and Seatonville villages and Spring Valley city.....	9,844	5,692
Ladd village.....	1,324	.....
Seatonville village.....	909	536
Spring Valley city.....	6,214	2,537
Ward 1.....	704	.....
Ward 2.....	969	.....
Ward 3.....	629	.....
Ward 4.....	2,474	.....
Ward 5.....	1,439	.....
Indiantown township, including part of Tiskilwa village.....	1,271	1,277
Tiskilwa village (part of).....	449	429
La Moille township, including La Moille village.....	1,345	1,312
La Moille village.....	576	516
Leopertown township, including Bureau village.....	715	556
Bureau village.....	545	362
Macon township.....	692	731
Manlius township.....	793	810
Milo township.....	731	792
Mineral township, including Mineral village.....	1,258	905
Mineral village.....	330	183
Neponset township, including Neponset village.....	1,224	1,209
Neponset village.....	516	542
Ohio township, including Ohio village.....	1,322	1,197
Ohio village.....	461	364
Princeton township, including Princeton city.....	4,896	4,491
Princeton city.....	4,023	2,396
Ward 1.....	1,121	.....
Ward 2.....	791	.....
Ward 3.....	997	.....
Ward 4.....	1,114	.....
Selby township, including Depue and Holloway villages.....	1,662	1,566
Depue village.....	499	455
Holloway village.....	307	.....
Walnut township, including Walnut village.....	1,501	1,368
Walnut village.....	791	605
Westfield township, including Arlington village.....	1,118	1,224
Arlington village.....	400	426
Wheatland township.....	369	405
Wyanet township, including Wyanet village.....	1,803	1,510
Wyanet village.....	902	670
CALHOUN COUNTY*.....	8,917	7,652
Bellevue precinct.....	1,366	1,166
Carlin precinct.....	634	548
Crader precinct, including Kampsville village.....	773	580
Kampsville village.....	230	172
Gilead precinct.....	682	642

* Precincts erroneously returned as townships in 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
CALHOUN COUNTY—Concluded.		
Hamburg precinct, including Hamburg village.....	1,217	963
Hamburg village.....	806	
Hardin precinct, including Hardin village.....	954	807
Hardin village.....	494	311
Point precinct, including Brussels village.....	1,932	1,741
Brussels village.....	270	226
Elchwoods precinct, including Batehtown village.....	1,350	1,208
Batehtown village.....	360	
CARROLL COUNTY.....	18,963	18,230
Cherry Grove township.....	874	988
Elkhorn Grove township.....	488	506
Fairhaven township, including Chadwick village.....	1,273	1,146
Chadwick village.....	505	
Freedom township.....	631	682
Lima township.....	263	421
Mt. Carroll township, including part of Mt. Carroll city.....	1,951	2,977
part Mt. Carroll city (part of).....	1,009	
† Total for Mt. Carroll city, in Mt. Carroll and Salem townships...	1,965	1,898
Rock Creek township, including Lanark city.....	2,083	2,144
Lanark city.....	1,305	1,385
Salem township, including part of Mt. Carroll city.....	1,657	808
Mt. Carroll city (part of).....	866	
Savanna township, including Savanna city.....	2,329	2,445
Savanna city.....	2,325	2,097
Ward 1.....	1,114	
Ward 2.....	1,045	
Ward 3.....	1,166	
Shannon township, including Shannon village.....	1,066	979
Shannon village.....	678	591
Washington township.....	697	595
Woodland township.....	914	878
Wysox township, including Milledgeville village.....	1,442	1,352
Milledgeville village.....	683	446
York township, including Thomson village.....	1,487	1,401
Thomson village.....	467	374
CASS COUNTY.....	17,222	115,963
Arenzville precinct, including Arenzville village.....	1,263	1,125
Arenzville village.....	452	356
Ashland precinct, including Ashland town.....	1,629	1,447
Ashland town.....	1,201	1,045
Bluff Springs precinct.....	669	716
Chandlerville precinct, including Chandlerville village.....	1,439	1,408
Chandlerville village.....	940	910
East Beardstown precinct, including Ward 1 of Beardstown city.....	1,965	1,408
Beardstown city (part of).....	1,341	
† Total for Beardstown city, in East and West Beardstown precincts	4,327	4,226
Ward 1.....	1,241	
Ward 2.....	1,230	
Ward 3.....	1,020	
Ward 4.....	1,236	
Hickory precinct.....	396	396
Indian Creek precinct.....	406	392
Monroe precinct.....	387	312
Oregon precinct.....	725	753
Philadelphia precinct.....	633	644
Princeton precinct.....	335	331
Richmond precinct.....	898	978
Virginia precinct, including Virginia city.....	2,588	2,534
Virginia city.....	1,600	1,602
Ward 1.....	588	
Ward 2.....	450	
Ward 3.....	563	
West Beardstown precinct, including Wards 2, 3 and 4 of Beardstown		
city.....	3,877	158
Beardstown city (part of).....	3,486	

† Given in 1890 as in Mt. Carroll township only.

‡ Includes population (4,434) of Beardstown city and that part of county not returned by precincts in 1890.

§ Exclusive of population of Beardstown city.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
CHAMPAIGN COUNTY	47,622	42,159
Ayers township.....	863	719
Brown township, including Fisher village.....	1,544	1,312
Fisher village.....	614	.....
Champaign township, including Champaign city.....	9,866	6,619
Champaign city.....	9,098	5,839
Ward 1.....	1,930	.....
Ward 2.....	2,007	.....
Ward 3.....	1,900	.....
Ward 4.....	1,917	.....
Ward 5.....	1,344	.....
Colfax township.....	901	914
Compromise township.....	1,576	1,650
Condit township.....	777	750
Crittenden township.....	820	932
East Bend township.....	1,113	1,122
Harwood township.....	750	761
Hensley township.....	610	642
Kerr township.....	427	366
Ludlow township, including Ludlow village.....	1,080	1,152
Ludlow village.....	306	296
Mahomet township, including Mahomet village.....	1,277	1,247
Mahomet village.....	515	478
Newcomb township.....	864	969
Ogden township, including Ogden village.....	1,332	1,432
Ogden village.....	419	234
Pesotum township.....	1,094	1,039
Philo township, including Philo village.....	1,175	1,240
Philo village.....	502	491
Rantoul township, including Rantoul village.....	2,385	2,391
Rantoul village.....	1,207	1,074
Raymond township.....	1,093	1,204
Sadorus township, including Ivesdale village and part of Sadorus village.....	1,757	1,655
Ivesdale village.....	476	222
Sadorus village (part of).....	234	.....
Total for Sadorus village,* in Sadorus and Tolono townships.....	340	277
St. Joseph township, including St. Joseph village.....	1,491	1,699
St. Joseph village.....	637	552
Scott township.....	1,028	978
Sidney township, including Sidney village.....	1,452	1,622
Sidney village.....	564	581
Somer township.....	940	1,072
South Homer township, including Homer village.....	1,821	1,669
Homer village.....	1,080	917
Stanton township.....	864	847
Tolono township, including Tolono village and part of Sadorus village.....	1,662	1,777
Sadorus village (part of).....	56	.....
Tolono village.....	845	802
Urbana township, including Urbana city.....	6,948	4,488
Urbana city.....	5,728	3,511
Ward 1.....	939	.....
Ward 2.....	2,239	.....
Ward 3.....	1,475	.....
Ward 4.....	1,015	.....
CHRISTIAN COUNTY	22,790	20,681
Assumption township, including Assumption village.....	2,670	2,086
Assumption village.....	1,702	1,076
Bear Creek township, including Palmer town.....	1,239	1,321
Palmer town.....	299	432
Buckhart township, including Edinburg village.....	2,671	2,408
Edinburg village.....	1,071	906
Greenwood township.....	952	1,075
Johnson township.....	987	888
King township, including part of Harvel village.....	882	926
Harvel village (part of).....	96	.....
Total for Harvel village,† in King township, Christian county, and Harvel township, Montgomery county.....	357	246

* Given in 1890 as in Sadorus township only.

† Given in 1890 as in Harvel township, Montgomery county, only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
CHRISTIAN COUNTY—Concluded.		
Locust township, including Owaneco village.....	1,325	1,264
Owaneco village.....	255	
May township.....	966	864
Mosquito township.....	1,175	1,377
Mt. Auburn township, including Mt. Auburn village.....	1,440	1,546
Mt. Auburn village.....	235	222
Pana township, including Pana city.....	6,561	6,142
Pana city.....	5,530	5,077
Ward 1.....	1,200	
Ward 2.....	1,275	
Ward 3.....	1,236	
Ward 4.....	324	
Ward 5.....	835	
Prairieton township.....	1,028	1,087
Ricks township, including Morrisonville village.....	1,675	1,632
Morrisonville village.....	934	844
Rosemond township.....	1,069	1,180
South Fork township.....	1,356	1,506
Stonington township, including Stonington village.....	1,261	1,086
Stonington village.....	428	270
Taylorville township, including Taylorville city.....	5,725	4,088
Taylorville city.....	4,248	2,829
Ward 1.....	1,264	
Ward 2.....	935	
Ward 3.....	968	
Ward 4.....	1,062	
CLARK COUNTY.....	24,033	21,899
Anderson township.....	1,341	1,293
Auburn township.....	561	655
Cassey township, including Cassey city.....	2,907	2,295
Cassey city.....	1,500	844
Darwin township.....	1,152	1,102
Dolson township.....	1,197	1,191
Douglas township.....	457	531
Johnson township.....	1,440	1,205
Marshall township, including Marshall city.....	2,166	2,391
Marshall city.....	2,077	1,900
Martinsville township, including Martinsville village.....	2,290	2,066
Martinsville village.....	1,000	779
Melrose township.....	1,222	1,262
Orange township.....	1,210	1,169
Parker township.....	854	728
Wabash township.....	2,201	2,017
Westfield township, including Westfield village.....	1,403	1,180
Westfield village.....	530	510
York township, including York village.....	1,532	1,272
York village.....	263	294
CLAY COUNTY.....	19,562	16,772
Bible Grove township.....	1,265	1,112
Blair township.....	1,220	1,025
Clay township, including Clay City village.....	1,780	1,506
Clay City village.....	507	
Harter township, including Flora city.....	2,772	2,287
Flora city.....	2,211	1,686
Ward 1.....	77	
Ward 2.....	908	
Ward 3.....	664	
Hoosier township, including part of Sailor Springs village.....	1,394	1,214
Sailor Springs village (part of).....	138	
Total for Sailor Springs village, in Hoosier and Pixley townships.....	479	
Larkinsburg township.....	1,498	1,245
Louisville township, including Louisville village.....	1,910	1,605
Louisville village.....	646	657
Oskaloosa township.....	1,129	1,023
Pixley township, including part of Sailor Springs village.....	1,820	1,690
Sailor Springs village (part of).....	246	

Table No. 5—Continued.

Minor Civil Divisions.	1900	1890
CLAY COUNTY—Concluded.		
Songer township.....	886	877
Stanford township.....	1,492	1,345
Xenia township, including Xenia village.....	1,396	1,314
Xenia village.....	800	878
CLINTON COUNTY.....	19,824	17,411
Breesee township, including Breesee village.....	2,614	1,827
Breesee village.....	1,871	808
Brookside township, including part of ward 3 of Centralia city.....	1,039	797
Centralia city (part of).....	189	.....
Total for Centralia city,* in Brookside township, Clinton county, and Centralia township, Marion county.....	6,721	4,763
Ward 1.....	1,324	.....
Ward 2.....	1,140	.....
Ward 3.....	1,607	.....
Ward 4.....	1,400	.....
Ward 5.....	1,450	.....
Carlile township, including Carlile city.....	2,271	2,065
Carlile city.....	1,874	1,784
Ward 1.....	694	.....
Ward 2.....	679	.....
Ward 3.....	501	.....
Clement township, including Huey village.....	730	632
Huey village.....	287	.....
East Fork township.....	968	789
Germanatown township, including Germanatown village.....	1,432	1,353
Germanatown village.....	855	687
Irishtown township, including part of Keyesport village.....	852	829
Keyesport village (part of).....	251	.....
[For total see Tamalco township, Bond county.]	.....	.....
Lake township.....	800	627
Looking Glass township, including New Baden and New Memphis villages.....	2,070	1,806
New Baden village.....	510	.....
New Memphis village.....	249	.....
Meridian township.....	821	852
St. Rose township.....	1,068	1,022
Santa Fé township, including Bartelso village.....	691	694
Bartelso village.....	274	.....
Sugar Creek township, including Aviston village and Trenton city...	2,000	2,761
Aviston village.....	287	281
Trenton city.....	1,708	1,384
Ward 1.....	551	.....
Ward 2.....	528	.....
Ward 3.....	627	.....
Wade township.....	681	746
Wheatfield township.....	797	820
COLES COUNTY.....	34,146	30,003
Ashmore township, including Ashmore village.....	2,081	2,191
Ashmore village.....	476	445
Charleston township, including Charleston city.....	6,790	5,480
Charleston city.....	5,488	4,125
Ward 1.....	1,107	.....
Ward 2.....	1,199	.....
Ward 3.....	1,063	.....
Ward 4.....	1,081	.....
Ward 5.....	1,080	.....
East Oakland township including Oakland city.....	2,403	2,242
Oakland city.....	1,196	896
Humboldt township, including Humboldt village.....	1,761	1,732
Humboldt village.....	319	329
Hutton township.....	1,984	2,180
Lafayette township.....	1,346	1,276

* Given in 1890 as in Centralia township, Marion county, only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
COLES COUNTY—Concluded.		
Mattoon township, including Mattoon city.....	10,583	7,790
Mattoon city.....	9,632	6,833
Ward 1.....	1,230	
Ward 2.....	1,217	
Ward 3.....	1,338	
Ward 4.....	1,177	
Ward 5.....	1,471	
Ward 6.....	1,625	
Ward 7.....	1,563	
Morgan township.....	1,165	1,045
North Okaw township.....	1,845	1,822
Paradise township.....	300	1,062
Pleasant Grove township, including Lerna village.....	1,914	1,935
Lerna village.....	896	
Seven Hickory township.....	1,501	1,456
COOK COUNTY.....	1,538,735	1,191,922
Barrington township, including part of Barrington village.....	1,814	1,742
Barrington village (part of).....	770	590
Total for Barrington village, in Barrington township, Cook county, and Cuba township, Lake county.....	1,162	848
Bloom township, including Chicago Heights village and part of Steger village.....	7,120	1,514
Chicago Heights village.....	5,100	
Steger village (part of).....	367	
Total for Steger village, in Bloom township, Cook county, and Crete township, Will county.....	712	
Bremen township, including Tinley Park village.....	1,951	1,453
Tinley Park village.....	300	
Calumet township,* including parts of Blue Island, Morgan Park and Riverdale villages.....	6,162	9,021
Blue Island village (part of).....	2,501	1,309
Total for Blue Island village, in Calumet and Worth townships....	6,114	3,329
Morgan Park village (part of).....	2,157	
Total for Morgan Park village, † in Calumet and Worth townships	2,329	1,037
Riverdale village (part of).....	320	
Total for Riverdale village, in Calumet and Thornton townships....	558	
Chicago city ‡.....	1,698,575	1,099,950
Ward 1.....	24,274	
Ward 2.....	23,547	
Ward 3.....	32,989	
Ward 4.....	37,029	
Ward 5.....	43,315	
Ward 6.....	60,216	
Ward 7.....	36,844	
Ward 8.....	38,742	
Ward 9.....	51,539	
Ward 10.....	91,097	
Ward 11.....	37,533	
Ward 12.....	75,507	
Ward 13.....	47,327	
Ward 14.....	71,528	
Ward 15.....	79,944	
Ward 16.....	64,589	
Ward 17.....	20,713	
Ward 18.....	20,503	
Ward 19.....	46,929	
Ward 20.....	29,577	
Ward 21.....	24,105	
Ward 22.....	32,767	
Ward 23.....	32,424	
Ward 24.....	25,830	
Ward 25.....	54,588	

* Part annexed to Chicago city since 1890.

† Given in 1890 as in Calumet township only.

‡ Parts of Calumet, Cicero, Evanston, Maine, Niles and Norwood Park townships annexed since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
COOK COUNTY—Continued.		
Chicago city—Concluded.		
Ward 26	70,757	
Ward 27	89,181	
Ward 28	81,012	
Ward 29	41,814	
Ward 30	106,124	
Ward 31	84,576	
Ward 32	69,202	
Ward 33	81,982	
Ward 34	91,145	
Ward 35	11,796	
Cleero township*	16,810	10,204
Elk Grove township.	1,208	1,160
Evanston township,* including wards 1, 2, 3, 4, 7 and parts of wards 5 and 6 of Evanston city.	18,721	12,069
Evanston city (part of)	18,439	
Total for Evanston city,† in Evanston, New Trier and Niles townships	19,259	
Ward 1	2,122	
Ward 2	2,798	
Ward 3	1,919	
Ward 4	2,258	
Ward 5	2,180	
Ward 6	1,526	
Ward 7	2,456	
Hanover township, including Bartlett village and parts of wards 2, 3, 4 and 5 of Elgin city.	1,057	1,501
Bartlett village	390	253
Elgin city (part of)	187	
Total for Elgin city,‡ in Hanover township, Cook county, and Elgin township, Kane county	22,422	17,833
Ward 1	2,222	
Ward 2	2,520	
Ward 3	2,318	
Ward 4	2,186	
Ward 5	2,298	
Ward 6	4,717	
Ward 7	2,781	
Lemont township, including Lemont village.	4,441	5,539
Lemont village	2,449	
Leyden township, including Franklin Park and River Grove villages.	2,270	1,558
Franklin Park village.	483	
River Grove village.	333	297
Lyons township, including Hodgkins, Lagrange, Lyons, Spring Forest, and Summit villages, and parts of Grossdale, Riverside and Western Springs villages.	8,280	5,096
Grossdale village (part of)	481	
Total for Grossdale village, in Lyons, Proviso, and Riverside townships	1,111	
Hodgkins village	195	
Lagrange village	2,989	2,314
Lyons village	261	723
Riverside village (part of)	37	
Total for Riverside village,§ in Lyons and Riverside townships.	1,551	
Spring Forest village	278	
Summit village	547	
Western Springs village (part of)	653	
Total for Western Springs village, in Lyons and Proviso townships	662	451
Maine township,¶ including Des Plaines, Edison Park, Park Ridge, and Riverview villages.	5,161	3,258
Des Plaines village.	1,686	996
Edison Park village.	244	
Park Ridge village.	1,340	987
Riverview village.	406	

* Part annexed to Chicago city since 1890.

† Given as in 1890 as in Evanston and New Trier townships only.

‡ Given in 1890 as in Elgin township, Kane county, only.

§ Given in 1890 as in Riverside township only.

¶ Given in 1890 as in Lyons township only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
COOK COUNTY—Concluded.		
New Trier township, including Glencoe, Gross Point, Kenilworth, Wilmette, and Winnetka villages, and part of ward 6 of Evanston city.....	7,299	3,703
Evanston city (part of).....	643	.....
Glencoe village.....	1,020	569
Gross Point village.....	869	.....
Kenilworth village.....	236	.....
Wilmette village.....	2,300	1,458
Winnetka village.....	1,832	1,079
Niles township,* including Morton Grove, Niles and Niles Center villages, and parts of wards 5 and 6 of Evanston city.....	4,030	2,727
Evanston city (part of).....	177	.....
Morton Grove village.....	564	.....
Niles villages.....	514	.....
Niles Center village.....	539	.....
Northfield township.....	2,323	1,855
Norwood Park township*.....	3,447	3,472
Orland township, including Orland Park village.....	1,296	1,163
Orland Park village.....	366	.....
Palatine township, including Palatine village.....	2,074	2,049
Palatine village.....	1,020	891
Palos township.....	1,074	998
Proviso township, including Harlem, Lagrange Park, Maywood, Melrose Park, and River Forest villages, and parts of Grossdale and Western Springs villages.....	15,498	6,331
Grossdale village (part of).....	587	.....
Harlem village.....	4,065	.....
Lagrange Park village.....	780	.....
Maywood village.....	4,532	.....
Melrose Park village.....	2,592	.....
River Forest village.....	1,539	.....
Western Springs village (part of).....	9	.....
Rich township, including Mattison village.....	1,421	1,435
Mattison village.....	449	323
Riverside township, including parts of Grossdale and Riverside villages.....	1,652	1,056
Grossdale village (part of).....	93	.....
Riverside village (part of).....	1,514	.....
Schaumburg township.....	1,008	948
Thornton township, including Harvey city, Dolton, Homewood, Lansing, South Holland, and West Hammond villages, and part of Riverdale village.....	14,321	5,201
Dolton village†.....	1,229	1,110
Harvey city.....	5,835	.....
Ward 1.....	1,116	.....
Ward 2.....	1,419	.....
Ward 3.....	1,237	.....
Ward 4.....	737	.....
Ward 5.....	886	.....
Homewood village.....	352	.....
Lansing village.....	830	.....
Riverdale village (part of).....	228	.....
South Holland village.....	766	1,006
West Hammond village.....	2,935	.....
Wheeling township, including Arlington Heights village and Wheeling town.....	2,964	2,622
Arlington Heights village.....	1,380	1,434
Wheeling town.....	321	811
Worth township, including Evergreen Park and Mt. Greenwood villages, and part of Blue Island and Morgan Park villages.....	6,031	3,408
Blue Island village (part of).....	3,612	2,020
Evergreen Park village.....	445	.....
Morgan Park village (part of).....	172	.....
Mt. Greenwood village.....	190	.....

* Part annexed to Chicago city since 1890.

† Given as Dalton station in 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
CRAWFORD COUNTY	19,240	17,288
Honey Creek township, including part of Flat Rock village.....	2,148	2,184
Flat Rock (part of).....	241	.....
Total for Flat Rock village* in Honey Creek and Montgomery townships.....	315	151
Hutsonville township, including Hutsonville village.....	2,602	2,217
Hutsonville village.....	743	583
Lamotte township, including Palestine village.....	2,404	2,229
Palestine village.....	979	783
Licking township.....	2,160	1,940
Martin township.....	1,666	1,383
Montgomery township, including part of Flat Rock village.....	1,954	1,938
Flat Rock village (part of).....	74	.....
Oblong township, including Oblong village.....	2,396	2,069
Oblong village.....	743	390
Robinson township, including Robinson city.....	3,428	2,990
Robinson city.....	1,683	1,387
Ward 1.....	556	.....
Ward 2.....	580	.....
Ward 3.....	547	.....
Southwest township.....	492	333
CUMBERLAND COUNTY	16,124	15,443
Cottonwood township.....	1,476	1,480
Orooked Creek township.....	1,320	1,280
Greenup township, including Greenup village.....	2,143	2,304
Greenup village.....	1,055	868
Neoga township, including Neoga village.....	2,534	2,710
Neoga village.....	1,128	839
Spring Point township.....	1,649	1,683
Sumpter township, including Toledo town.....	2,384	2,171
Toledo town.....	818	676
Union township.....	2,191	2,174
Woodbury township, including Jewett village.....	1,157	1,141
Jewett village.....	322	335
DEKALB COUNTY	31,756	27,068
Afton township.....	750	691
Clinton township, including Waterman village.....	1,113	1,174
Waterman village.....	358	351
Cortland township, including Cortland village.....	1,189	1,283
Cortland village.....	261	313
DeKalb township, including DeKalb city.....	6,769	2,475
DeKalb city.....	5,904	2,579
Ward 1.....	1,435	.....
Ward 2.....	1,342	.....
Ward 3.....	1,479	.....
Ward 4.....	1,658	.....
Franklin township, including Kirkland village.....	1,564	1,441
Kirkland village.....	636	410
Genoa township, including Genoa village.....	1,908	1,409
Genoa village.....	1,140	634
Kingston township, including Kingston village.....	1,219	1,214
Kingston village.....	305	285
Malta township, including Malta village.....	1,204	1,197
Malta village.....	607	461
Mayfield township.....	780	787
Milan township.....	806	784
Pawpaw township.....	531	650
Pierce township.....	764	778
Sandwich township,† including Sandwich city.....	2,587	.....
Sandwich city.....	2,530	2,516
Ward 1.....	728	.....
Ward 2.....	963	.....
Ward 3.....	800	.....

* Given in 1890 as Honey Creek township only.

† Sandwich township organized from part of Somonsauk township since 1890

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
DEKALB COUNTY—Concluded.		
Shabbona township, including Shabbona village and part of Lee village.....	1,526	1,439
Lee village (part of).....	126	111
Total for Lee village, in Shabbona township, DeKalb county, and Willow Creek township, Lee county.....	297	264
Shabbona village.....	587	502
Somonauk township,* including Somonauk village.....	1,080	2,842
Somonauk village.....	630	498
South Grove township.....	728	711
Squaw Grove township, including Hineckley village.....	1,390	1,814
Hineckley village.....	587	498
Sycamore township, including Sycamore city.....	4,509	3,929
Sycamore city.....	2,653	2,987
Ward 1.....	970	
Ward 2.....	878	
Ward 3.....	1,005	
Ward 4.....	800	
Victor township.....	747	769
DEWITT COUNTY.....	18,972	17,011
Barnett township.....	1,089	1,208
Clintonia township, including Clinton city.....	5,496	3,462
Clinton city.....	4,482	2,598
Ward 1.....	1,446	
Ward 2.....	1,787	
Ward 3.....	1,249	
Creek township.....	1,144	1,214
DeWitt township, including DeWitt village.....	942	1,081
DeWitt village.....	252	268
Harp township.....	935	992
Nixon township, including Weldon village.....	1,144	1,087
Weldon village.....	536	
Rutledge township.....	538	598
Santa Anna township, including Farmer City.....	2,427	2,181
Farmer City.....	1,664	1,267
Ward 1.....	711	
Ward 2.....	617	
Ward 3.....	238	
Texas township.....	800	861
Tunbridge township, including Kenney village.....	1,496	1,521
Kenney village.....	584	497
Wapella township, including Wapella village.....	1,151	1,122
Wapella village.....	442	371
Waynesville township, including Waynesville village.....	1,200	1,134
Waynesville village.....	528	398
Wilson township.....	610	612
DOUGLAS COUNTY.....	19,097	17,669
Arcola township, including Arcola city.....	2,440	2,198
Arcola city.....	1,966	1,732
Ward 1.....	639	
Ward 2.....	529	
Ward 3.....	827	
Bourbon township, including part of Arthur village.....	1,942	1,698
Arthur village (part of).....	396	261
Total for Arthur village, in Bourbon township, Douglas county, and Lowe township, Moultrie county.....	858	536
Bowdre township, including Hindsboro village.....	1,780	1,898
Hindsboro village.....	342	268
Camargo township.....	1,225	1,445
Garrett township, including part of Atwood village.....	2,125	1,894
Atwood village (part of).....	296	210
Total for Atwood village, in Garrett township, Douglas county, and Unity township, Platt county.....	698	539
Murdock township.....	1,176	1,085
Newman township, including Newman city.....	2,110	2,028
Newman City.....	1,166	980
Sargent township.....	1,261	1,219

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
DOUGLAS COUNTY—Concluded.		
Tuscola township, including Tuscola city.....	2,948	2,201
Tuscola city.....	2,569	1,897
Ward 1.....	864	
Ward 2.....	720	
Ward 3.....	965	
DUPAGE COUNTY.....	23,196	22,551
Addison township, including Addison, Bensenville and Itasca villages.....	2,518	2,190
Addison village.....	591	485
Bensenville village.....	374	336
Itasca village.....	256	
Bloomington township, including Bloomingdale village.....	1,531	1,497
Bloomington village.....	285	463
Downer's Grove township, including Downer's Grove and Hinsdale villages.....	7,007	4,843
Downer's Grove village.....	2,108	960
Hinsdale village.....	2,578	1,584
Lisle township, including Ward 1 and part of Ward 3 of Naperville city.....	2,127	1,794
Naperville city (part of).....	1,044	785
Total for Naperville city, in Lisle and Naperville townships.....	2,639	2,216
Ward 1.....	968	
Ward 2.....	900	
Ward 3.....	771	
Milton township, including Glen Ellyn village and Wheaton city.....	4,103	2,895
Glen Ellyn village*.....	793	473
Wheaton city.....	2,345	1,622
Naperville township, including Ward 2 and part of Ward 3 of Naperville city.....	2,626	2,470
Naperville city (part of).....	1,585	1,481
Wayne township.....	1,135	1,097
Winfield township, including West Chicago village.....	2,899	2,786
West Chicago village.....	1,877	1,506
York township, including Elmhurst and Lombard villages.....	3,748	2,979
Elmhurst village.....	1,728	1,050
Lombard village.....	590	515
EDGAR COUNTY.....	23,273	26,787
Brouillett Creek township.....	1,165	1,371
Buck township, including Redmon town.....	1,064	980
Redmon town.....	282	99
Edgar township.....	1,641	1,700
Elbridge township.....	1,466	1,450
Embarras township, including Brocton village.....	2,022	1,729
Brocton village.....	613	292
Grandview township.....	1,645	1,653
Hunter township.....	984	1,039
Kansas township, including Kansas village.....	1,999	1,963
Kansas village.....	1,049	1,037
Paris township, including Paris city.....	7,305	6,280
Paris city.....	6,105	4,996
Ward 1.....	1,008	
Ward 2.....	1,138	
Ward 3.....	1,471	
Ward 4.....	1,266	
Ward 5.....	1,224	
Prairie township.....	984	1,078
Ross township, including Chrisman city.....	1,687	1,591
Chrisman city.....	905	820
Shilow township.....	1,314	1,228
Stratton township, including Vermillion village.....	1,259	1,301
Vermillion village.....	305	325
Symmes township.....	1,551	1,531
Young America township, including Hume and Metcalf villages.....	2,277	1,863
Hume village.....	598	433
Metcalf village.....	429	244

* Formerly Prospect Park.

† Formerly Turner.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
EDWARDS COUNTY	10,345	9,444
Albion precinct, including Albion village.....	2,407	2,180
Albion village.....	1,182	987
Bone Gap precinct, including Bone Gap village.....	1,178	981
Bone Gap village.....	496	.....
Browns precinct, including Browns village.....	915	764
Browns village.....	431	.....
Dixon precinct.....	670	739
French Creek precinct, including part of Grayville city.....	1,624	1,486
Grayville city (part of).....	783	614
Total for Grayville city, in French Creek precinct, Edwards county, and Gray township, White county.....	1,948	1,999
Salem precinct, including West Salem town.....	2,066	1,811
West Salem town.....	700	476
Shelby precinct.....	1,585	1,474
EFFINGHAM COUNTY	20,465	19,258
Banner township, including Shumway village.....	962	612
Shumway village.....	258	.....
Bishop township, including Dieterich village.....	1,062	967
Dieterich village.....	382	.....
Douglas township, including Effingham city.....	4,716	4,311
Effingham city.....	3,774	3,280
Ward 1.....	681	.....
Ward 2.....	571	.....
Ward 3.....	1,598	.....
Ward 4.....	774	.....
Jackson township.....	1,186	1,149
Liberty township, including Beecher City village.....	906	798
Beecher City village.....	340	.....
Lucas township.....	986	980
Mason township, including Edgewood and Mason towns.....	1,707	1,586
Edgewood town.....	412	255
Mason town.....	369	425
Moccasin township.....	998	960
Mound township, including Altamont town.....	2,446	2,226
Altamont town.....	1,326	1,044
St. Francis township, including Montrose village.....	926	897
Montrose village.....	800	.....
Summit township.....	876	941
Teutopolis township, including Teutopolis village.....	969	1,048
Teutopolis village.....	496	.....
Union township.....	1,152	934
Watson township, including Watson village.....	1,329	1,176
Watson village.....	341	836
West township.....	866	901
FAYETTE COUNTY	23,065	22,397
Aveno township, including St. Elmo town.....	2,020	1,428
St. Elmo town.....	1,050	354
Bear Grove township.....	1,199	1,128
Bowling Green township.....	949	951
Carson township.....	649	628
Hurricane township, including Bingham town.....	1,951	1,457
Bingham town.....	272	178
Kaskaskia township.....	1,257	981
LaCledde township, including Farina town.....	1,679	1,451
Farina town.....	698	618
Lone Grove township.....	1,106	947
Loudon township.....	2,042	1,796
Otego township.....	1,239	1,061
Pope township.....	849	686
Ramsey township, including Ramsey village.....	2,390	1,980
Ramsey village.....	747	598
Sefton township.....	1,684	1,451
Seminary township.....	1,406	1,108
Sharon township.....	2,000	1,621

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
FAYETTE COUNTY—<i>Ocluded.</i>		
Vandalia township, including Vandalia city.....	2,640	2,787
Vandalia city.....	2,065	2,141
Ward 1.....	675	
Ward 2.....	903	
Ward 3.....	1,024	
Wheatland township.....	937	920
Wilberton township.....	1,178	1,105
FORD COUNTY	18,359	17,085
Brenton township, including Piper City village.....	1,377	1,315
Piper City village.....	577	480
Button township.....	876	823
Dix township.....	1,436	1,450
Drummer township, including Gibson City.....	2,304	2,387
Gibson City.....	2,064	1,808
Ward 1.....	659	
Ward 2.....	600	
Ward 3.....	804	
Lyman township, including Roberts village.....	1,412	1,298
Roberts village.....	446	325
Mona township, including part of Kempton village.....	853	758
Kempton village (part of).....	206	127
Total for Kempton village, in Mona and Rogers townships.....	409	201
Patton township, including Paxton city.....	4,425	3,559
Paxton city.....	3,985	2,187
Ward 1.....	1,049	
Ward 2.....	1,175	
Ward 3.....	512	
Peach Orchard township, including Melvin village.....	1,017	1,008
Melvin village.....	550	431
Pella township.....	734	690
Rogers township, including parts of Cabery and Kempton villages.....	809	851
Cabery village (part of).....	245	207
Total for Cabery village, in Rogers township, Ford county, and Norton township, Kankakee county.....	386	342
Kempton village (part of).....	204	74
Sullivant township, including Sibley village.....	1,397	1,323
Sibley village.....	444	404
Wall township.....	718	757
FRANKLIN COUNTY	19,765	17,128
Barren township.....	1,082	846
Benton township, including Benton village.....	2,984	2,312
Benton village.....	1,841	939
Browning township.....	1,422	1,267
Cave township, including Thompsonville village.....	2,186	2,159
Thompsonville village.....	398	309
Denning township.....	1,351	1,161
Eastern township.....	1,944	1,832
Ewing township, including Ewing village.....	1,841	1,570
Ewing village.....	419	290
Frankfort township.....	1,754	1,609
Goode township.....	809	751
Northern township, including part of Macedonia village.....	1,725	1,574
Macedonia village (part of).....	97	
Total for Macedonia village, in Northern township, Franklin county, and Knight Prairie township, Hamilton county.....	315	
Six Mile township.....	1,000	775
Tyrone township.....	1,587	1,323
FULTON COUNTY	46,201	43,110
Astoria township, including Astoria town.....	2,334	2,560
Astoria town.....	1,684	1,857
Banner township.....	1,002	953
Bernadotte township.....	1,122	1,216

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
FULTON COUNTY—Concluded.		
Buckhart township, including Bryant and St. David villages.....	2,329	2,076
Bryant village.....	355	309
St. David village.....	481	
Canton township, including Canton city.....	8,780	8,807
Canton city.....	6,564	5,904
Ward 1.....	1,842	
Ward 2.....	1,414	
Ward 3.....	1,410	
Ward 4.....	1,482	
Ward 5.....	916	
Cass township, including Smithfield village.....	1,598	1,377
Smithfield village.....	420	
Deerfield township.....	835	930
Ellisville township, including Ellisville village.....	539	591
Ellisville village.....	219	255
Fairview township, including Fairview village.....	1,257	1,355
Fairview village.....	501	492
Farmer township, including Table Grove village.....	1,425	1,288
Table Grove village.....	876	
Farmington township, including Farmington city.....	3,171	2,554
Farmington city.....	1,729	1,375
Harris township.....	1,298	1,280
Isabel township.....	780	785
Joshua township.....	976	1,068
Kerton township.....	535	534
Lee township.....	945	918
Lewistown township, including Lewistown city.....	3,515	3,245
Lewistown city.....	2,504	2,105
Liverpool township.....	1,206	1,176
Orion township.....	1,288	1,289
Pleasant township, including Ipava village.....	1,753	1,843
Ipava village.....	749	667
Putnam township, including Cuba city.....	2,121	2,126
Cuba city.....	1,198	1,114
Union township, including Avon village.....	1,569	1,486
Avon village.....	809	692
Vermont township, including Vermont village.....	2,149	2,111
Vermont village.....	1,195	1,158
Waterford township.....	494	531
Woodland township.....	1,556	1,600
Young Hickory township, including London Mills village.....	1,161	1,291
London Mills village.....	528	661
GALLATIN COUNTY*	15,836	14,935
Asbury township.....	943	
Bowlesville township.....	1,267	
Eagle Creek township.....	1,213	
Equality township, including Equality village.....	1,962	
Equality village.....	896	623
Gold Hill township.....	1,295	
New Haven township, including New Haven village.....	1,307	
New Haven village.....	429	396
North Fork township.....	1,623	
Omaha township, including Omaha village.....	1,554	
Omaha village.....	569	428
Ridgway township, including Ridgway village.....	2,405	
Ridgway village.....	539	523
Shawnee township, including Shawneetown city.....	2,154	
Shawneetown city.....	1,698	
GREENE COUNTY†	23,402	23,791
Athensville precinct.....	1,240	1,425
Bluffdale precinct.....	1,195	1,113
Carrollton precinct, including Carrollton city.....	3,342	3,289
Carrollton city.....	2,356	2,358

* Comparison with population for 1890 can not be made; information as to changes in minor civil divisions incomplete.

† Precincts erroneously returned as townships in 1890.

Table No. 5—Continued.

Minor Civil Divisions.	1900	1890
GREEN COUNTY—Concluded.		
Kane precinct, including Kane village.....	1,768	1,765
Kane village.....	588	551
Linder precinct.....	906	991
Patterson precinct, including Wilmington village.....	1,603	1,385
Wilmington village.....	213	.....
Rockbridge precinct, including Greenfield city and Rockbridge village.....	2,460	2,787
Greenfield city.....	1,085	1,121
Rockbridge village.....	1,588	1,386
Roodhouse precinct, including Roodhouse city.....	2,528	2,628
Roodhouse city.....	2,351	2,360
Rubicon precinct.....	906	952
Walkerville precinct.....	1,023	1,067
Whitehall precinct, including Whitehall city.....	2,192	2,244
Whitehall city.....	2,080	1,961
Ward 1.....	768	.....
Ward 2.....	541	.....
Ward 3.....	726	.....
Woodville precinct.....	1,142	1,228
Wright precinct.....	1,086	989
GRUNDY COUNTY.....	24,136	21,024
Ausable township, including Minooka village.....	970	869
Minooka village.....	424	360
Braceville township,* including Braceville village and Central City, and parts of Coal City and Diamond and Godley villages..	5,224	5,638
Braceville village.....	1,669	2,160
Central City.....	280	673
Coal City (part of).....	2,306	.....
Total for Coal City,† in Braceville and Felix townships.....	2,607	1,672
Diamond village (part of).....	277	.....
Total for Diamond village, in Braceville and Felix townships.....	672	.....
Godley village (part of).....	66	.....
Total for Godley village,‡ in Braceville township, Grundy county, and Reed township, Will county.....	329	296
Erienna township.....	245	292
Felix township,§ including Carbon Hill village, and parts of Coal City and Diamond village.....	3,474	1,720
Carbon Hill village.....	1,252	.....
Coal City (part of).....	399	.....
Diamond village (part of).....	396	.....
Goodfarm township.....	849	899
Goose Lake township||.....	449	.....
Greenfield township, including Gardner and South Wilmington vil- lages.....	2,579	2,010
Gardner village.....	1,086	1,094
South Wilmington village.....	711	.....
Highland township, including Kinsman village.....	1,013	1,028
Kinsman village.....	174	129
Maine township||.....	841	.....
Mason township, including Mason village.....	1,176	1,117
Mason village.....	447	.....
Morris township, including Morris city.....	4,328	2,745
Morris city.....	4,273	2,663
Ward 1.....	896	.....
Ward 2.....	862	.....
Ward 3.....	1,639	.....
Ward 4.....	896	.....
Nettle Creek township.....	794	824
Norman township.....	308	354
Saratoga township.....	890	971
Vienna township.....	865	939
Wauponsee township.....	641	620

* Part taken to form Maine township since 1890.

† Given in 1890 as in Braceville township only.

‡ Given in 1890 as Reed township, Will county, only.

§ Goose Lake township organized from part of Felix township since 1890.

|| Organized from part of Braceville township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
HAMILTON COUNTY	20,197	17,800
Beaver Creek township.....	1,429	1,147
Crook township.....	1,516	1,548
Cronch township, including Belle Prairie village.....	2,311	1,708
Belle Prairie village.....	129	
Dahlgren township, including Dahlgren village.....	2,812	2,427
Dahlgren village.....	452	801
Flannigan township.....	2,424	2,446
Knight Prairie township, including part of Macedonia village.....	1,771	1,580
Macedonia village (part of).....	218	
(For total, see Northern township, Franklin county.)		
McLeansboro township, including McLeansboro city.....	2,897	2,552
McLeansboro city.....	1,758	1,855
Mayberry township, including Broughton village.....	2,224	1,981
Broughton village.....	237	
Twigg township.....	2,803	2,416
HANCOCK COUNTY	32,215	31,907
Appanoose township.....	837	800
Augusta township, including Augusta village.....	1,923	1,947
Augusta village.....	1,149	1,077
Bear Creek township, including Basco village.....	978	968
Basco village.....	318	327
Carthage township, including Carthage town.....	2,906	2,536
Carthage town.....	2,104	1,654
Chile township, including Bowen village.....	1,398	1,296
Bowen village.....	636	376
Dallas township, including part of Dallas City.....	1,147	1,021
Dallas City (part of).....	775	653
Total for Dallas City, in Dallas township, Hancock county, and Dallas precinct, Henderson county.....	970	747
Durham township.....	826	840
Fountain Green township.....	1,088	1,086
Hancock township.....	826	894
Harmony township, including Bentley city.....	1,006	1,011
Bentley city.....	128	144
LaHarpe township, including LaHarpe city.....	2,324	1,865
LaHarpe city.....	1,591	1,112
Ward 1.....	551	
Ward 2.....	508	
Ward 3.....	537	
Montebello township, including Hamilton city.....	2,104	2,129
Hamilton city.....	1,344	1,301
Nauvoo township, including Nauvoo city.....	1,372	1,249
Nauvoo city.....	1,321	1,206
Pilot Grove township.....	1,010	1,086
Pontoosuc township, including Pontoosuc village.....	791	742
Pontoosuc village.....	299	249
Prairie township, including Elvaston village.....	1,004	1,088
Elvaston village.....	308	307
Rock Creek township, including Ferris village.....	1,110	1,217
Ferris village.....	269	305
Rocky Run township.....	760	704
St. Albans township, including West Point village.....	1,207	1,363
West Point village.....	277	
St. Mary township, including Plymouth village.....	1,626	1,561
Plymouth village.....	854	710
Sonora township.....	1,094	1,088
Walker township.....	1,164	1,361
Warsaw township,* coextensive with Warsaw town.....	2,335	
Warsaw town.....	2,335	2,721
Wilcox township.....	478	2,246
Wythe township.....	859	976

* Warsaw township organized from part of Wilcox township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
HARDIN COUNTY	7,448	7,334
Battery Rock precinct	980	896
Cave in Rock precinct	1,086	1,020
McFarlan precinct, including Elizabethtown village	1,262	1,170
Elizabethtown village	668	652
Monroe precinct	1,980	1,832
Rock Creek precinct	1,226	1,254
Rosiclare precinct, including Rosiclare village	914	1,072
Rosiclare village	278	274
HENDERSON COUNTY*	10,836	9,876
Ball Bluff precinct	562	.....
Biggsville precinct, including Biggsville village	1,149	.....
Biggsville village	417	487
Carman precinct	386	.....
Dallas precinct, including part of Dallas City	324	.....
Dallas City (part of)	186	94
[For total see Dallas township, Hancock county.]	.....	.....
Decorra precinct	324	.....
Fall Creek precinct	200	.....
Gladstone precinct, including Gladstone village	1,112	.....
Gladstone village	432	.....
Hopper precinct	876	.....
Lomax precinct	536	.....
Media precinct	780	.....
Olena precinct	402	.....
Oquawka precinct, including Oquawka village	1,451	.....
Oquawka village	1,012	.....
Raritan village	861	.....
Rosetta precinct	700	.....
Stronghurst precinct, including Stronghurst village	986	.....
Stronghurst village	762	.....
Terre Haute precinct	648	.....
HENRY COUNTY	40,049	33,338
Alba township	436	412
Andover township, including Andover town	1,104	1,226
Andover town	226	259
Annawan township, including Annawan village	1,203	1,164
Annawan village	429	397
Atkinson township, including Atkinson village	1,516	1,187
Atkinson village	762	534
Burns township	786	845
Cambridge township, including Cambridge village	2,229	1,826
Cambridge village	1,345	940
Clover township, including Woodhull village	1,483	1,229
Woodhull village	774	606
Colona township	896	962
Cornwall township	759	658
Edford township	682	752
Galva township, including Galva town	3,379	3,142
Galva town	2,682	2,409
Geneseo township, including Geneseo city	4,236	4,069
Geneseo city	2,356	2,182
Ward 1	820	.....
Ward 2	742	.....
Ward 3	977	.....
Ward 4	817	.....
Hanna township	486	537
Kewanee township, including Kewanee city	11,244	5,968
Kewanee city	8,282	4,569
Ward 1	1,419	.....
Ward 2	1,578	.....
Ward 3	1,792	.....
Ward 4	1,639	.....
Ward 5	1,954	.....

* Not returned by precincts in 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
HENRY COUNTY—Concluded.		
Lorraine township	577	582
Lynn township	811	859
Munson township	862	844
Oseo township	778	841
Oxford township, including Alpha village	1,081	949
Alpha village	865	
Phoenix township	649	557
Weller township, including Bishop Hill village	1,323	1,253
Bishop Hill village	845	830
Western township, including Orion village	1,303	1,338
Orion village	684	634
Wethersfield township	1,484	1,210
Yorktown township	756	681
IRROQUOIS COUNTY	23,014	*25,167
Artesia township, including Buckley village	1,770	1,687
Buckley village	430	423
Ash Grove township	1,511	1,558
Askum township, including Askum and L'Erable villages	2,011	1,987
Askum village	423	300
L'Erable village	185	
Beaver township, including part of St. Mary village	1,688	1,600
St. Mary village (part of)	222	
Total for St. Mary village, in Beaver and Papineau townships	896	
Belmont township, including Woodland village and parts of Wards 1 and 2 of Watseka city	1,570	†996
Watseska city (part of)	367	
Total for Watseka city, in Belmont and Middleport townships	2,506	2,017
Ward 1	1,217	
Ward 2	1,289	
Woodlawn village	331	
Chebanse township, including Clifton village and part of Chebanse town	2,266	2,232
Chebanse town (part of)	332	474
Total for Chebanse town, in Chebanse township, Iroquois county, and Otto township, Kankakee county	555	616
Clifton village	652	474
Concord township, including Iroquois village	1,176	1,056
Iroquois village	427	393
Crescent township, including part of Crescent City village	1,157	1,002
Crescent City village (part of)	250	
Total for Crescent City village, in Crescent and Iroquois townships	371	
Danforth township, including Danforth village	1,574	1,644
Danforth village	407	
Douglas township, including Gilman city	2,358	2,081
Gilman city	1,441	1,112
Fountain Creek township	1,022	990
Iroquois township, including part of Crescent City village	909	857
Crescent City village (part of)	121	
Loda township, including Loda village	1,521	1,322
Loda village	688	588
Lovejoy township	963	874
Martinton township, including Martinton village	1,332	1,099
Martinton village	319	125
Middleport township, including parts of wards 1 and 2 of Watseka city	2,965	†770
Watseska city (part of)	2,149	
Milford township, including Milford village	2,208	1,999
Milford village	1,077	967
Milks Grove township	668	741
Onarga township, including Onarga village	2,390	2,145
Onarga village	1,270	994
Papineau township, including Papineau village and part of St. Mary village	1,084	1,357
Papineau village	188	141
St. Mary village (part of)	178	

* Includes population (2,017) of Watseka city.

† Exclusive of population of Watseka city.

Table No. 4--Continued.

Minor Civil Divisions.	1900	1890
INDOUOIS COUNTY--Concluded.		
Pigeon Grove township, including Cissna Park village.....	1,425	1,072
Cissna Park village.....	622	
Prairie Green township.....	808	915
Ridgeland township.....	574	786
Sheldon township, including Sheldon village.....	1,901	1,770
Sheldon village.....	1,103	910
Stockland township.....	891	900
JACKSON COUNTY.....	22,571	27,809
Bradley township, including Ava and Campbell Hill villages.....	2,623	2,427
Ava village.....	964	507
Campbell Hill village.....	497	280
Carbondale township, including Carbondale village.....	4,464	3,599
Carbondale City.....	2,318	2,323
Degonia township.....	1,004	845
DeSota township, including DeSota village.....	1,589	1,468
DeSota village.....	560	376
Elk township, including Elkville village.....	1,562	894
Elkville village.....	465	145
Fountain Bluff township.....	758	571
Grand Tower township, including Grand Tower city.....	1,490	1,312
Grand Tower city.....	891	634
Kinkaid township.....	941	813
Levan township.....	1,222	1,117
Makanda township, including Makanda village.....	2,222	2,154
Makanda village.....	528	344
Murphysboro township, including Murphysboro city.....	8,314	5,728
Murphysboro city.....	6,462	2,890
Ward 1.....	1,120	
Ward 2.....	1,308	
Ward 3.....	2,051	
Ward 4.....	1,234	
Ora township, including Sato village.....	1,310	1,629
Sato village.....	162	
Pomona township.....	1,939	1,546
Sand Ridge township.....	894	759
Somerset township.....	2,051	1,771
Vergennes township, including Vergennes village.....	1,277	1,167
Vergennes village.....	416	275
JASPER COUNTY.....	20,160	18,186
Crooked Creek township.....	2,756	2,631
Fox township.....	1,101	913
Granville township.....	1,956	1,831
Grove township.....	1,418	1,223
North Muddy township, including Wheeler village.....	1,777	1,568
Wheeler village.....	306	
Ste. Marie township, including Ste. Marie village.....	1,643	1,243
Ste. Marie village.....	406	318
Smallwood township.....	1,221	1,141
South Muddy township.....	1,477	1,223
Wade township, including Newton city.....	4,253	2,915
Newton city.....	1,680	1,428
Ward 1.....	455	
Ward 2.....	545	
Ward 3.....	680	
Willow Hill township, including Liberty town.....	2,629	2,266
Liberty town*.....	459	
JEFFERSON COUNTY.....	23,123	22,590
Bald Hill township.....	1,262	926
Blissville township.....	986	966
Casnar township, including part of Woodlawn town.....	1,203	1,022
Woodlawn town (part of).....	100	
Total for Woodlawn town, in Casnar and Shiloh townships.....	250	

* Given as New Liberty in 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
JEFFERSON COUNTY—Concluded.		
Dodds township.....	1,181	1,018
Elk Prairie township.....	1,282	1,114
Farrington township.....	1,518	1,156
Field township.....	1,457	1,151
Grand Prairie township.....	1,182	918
McClellan township.....	1,384	1,105
Moore Prairie township.....	1,258	1,164
Mt. Vernon township, including Mt. Vernon city.....	7,282	4,098
Mt. Vernon city.....	5,216	2,223
Pendleton township, including Bellerive town.....	1,546	1,511
Bellerive town.....	370	.....
Rome township, including Rome town.....	1,534	1,527
Rome town.....	329	188
Shiloh township, including part of Woodlawn town.....	1,498	1,344
Woodland town (part of).....	250	.....
Spring Garden township, including Ina and Spring Garden towns.....	2,213	1,572
Ina town.....	317	.....
Spring Garden town.....	227	181
Weber township.....	1,548	1,253
JERSEY COUNTY.....	14,612	14,810
Elsah township, including Elsah village.....	838	1,034
Elsah village.....	230	271
English township.....	985	1,154
Fidelity township, including Fidelity town.....	997	1,080
Fidelity town.....	222	.....
Jersey township, including Jerseyville city.....	4,055	4,245
Jerseyville city.....	2,517	2,207
Ward 1.....	959	.....
Ward 2.....	1,046	.....
Ward 3.....	768	.....
Ward 4.....	745	.....
Mississippi township.....	1,189	1,046
Otter Creek township, including Otterville town.....	1,198	1,190
Otterville town.....	208	173
Piasa township, including part of Brighton village.....	1,120	1,274
Brighton village (part of).....	54	45
Total for Brighton village, in Piasa township, Jersey county, and Brighton township, Macoupin county.....	680	742
Quarry township, including Grafton village.....	1,416	1,223
Grafton village.....	996	927
Richwood township, including Fieldon town.....	971	1,081
Fieldon town.....	259	292
Rosedale township.....	659	640
Ruyle township.....	632	682
JO DAVIESS COUNTY.....	24,533	25,101
Apple River township, including Apple River village.....	985	950
Apple River village.....	576	572
Berreman township.....	458	551
Council Hill township.....	371	439
Derinda township.....	717	742
Dunleith township, including East Dubuque city.....	1,384	1,253
East Dubuque city.....	1,146	1,049
East Galena township, including Ward 1 of Galena city.....	1,613	1,910
Galena city (part of).....	322	1,128
Total for Galena city, in East and West Galena townships.....	5,005	5,635
Ward 1.....	952	.....
Ward 2.....	777	.....
Ward 3.....	800	.....
Ward 4.....	1,080	.....
Ward 5.....	1,346	.....
Elisabeth township, including Elisabeth town.....	1,429	1,283
Elisabeth town.....	658	495
Guilford township.....	808	823
Hanover township, including Hanover village.....	1,644	1,685
Hanover village.....	785	743
Menominee township.....	670	744
Nora township, including Nora village.....	885	851
Nora village.....	312	309

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
JO DAVIESS COUNTY—Concluded.		
Pleasant Valley township.....	855	869
Rawlins township.....	207	264
Rice township.....	577	488
Rush township.....	915	1,067
Scales Mound township, including Scales Mound village.....	778	686
Scales Mound village.....	418	
Stockton township, including Stockton village.....	1,804	1,352
Stockton village.....	946	879
Thompson township.....	748	865
Vinegar Hill township.....	400	507
Ward Grove township.....	405	404
Warren township, including Warren village.....	1,081	1,587
Warren village.....	1,327	1,172
West Galena township, including Wards 2, 3, 4 and 5 of Galena city.....	4,232	4,588
Galena city (part of).....	4,053	4,507
Woodbine township.....	593	597
JOHNSON COUNTY	15,667	15,013
Belknap township, including Belknap village.....	1,111	1,086
Belknap village.....	872	388
Bloomfield township.....	1,463	1,600
Burnside township, including New Burnside village.....	2,008	2,206
New Burnside village.....	488	586
Cache township.....	907	783
Elvira township.....	1,256	1,026
Goreville township, including Goreville village.....	2,114	1,494
Goreville village.....	406	
Grantsburg township, including New Grantsburg village.....	1,534	1,262
New Grantsburg village.....	227	
Simpson township, including Simpson village.....	1,511	1,524
Simpson village.....	187	
Tunnelhill township.....	1,457	1,673
Vienna township, including Vienna city.....	2,306	2,360
Vienna city.....	1,217	828
KANE COUNTY	78,792	65,061
Aurora township, including Aurora city and Montgomery village.....	27,568	22,259
Aurora city.....	24,147	19,688
Ward 1.....	3,382	
Ward 2.....	2,039	
Ward 3.....	5,154	
Ward 4.....	2,966	
Ward 5.....	2,610	
Ward 6.....	3,161	
Ward 7.....	2,791	
Montgomery village.....	350	263
Batavia township, including Batavia city.....	4,642	4,292
Batavia city.....	3,871	3,543
Ward 1.....	900	
Ward 2.....	1,156	
Ward 3.....	853	
Ward 4.....	968	
Big Rock township.....	879	808
Blackberry township, including Elburn village.....	1,430	1,390
Elburn village.....	606	584
Burlington township.....	920	810
Campton township.....	1,040	998
Dundee township, including Carpentersville, East Dundee and West Dundee villages.....	4,937	3,876
Carpentersville village.....	1,902	784
East Dundee village.....	1,417	1,180
West Dundee village.....	1,348	873
Elgin township, including South Elgin village, and wards 1, 6 and 7, and parts of wards 2, 3, 4 and 5 of Elgin city.....	23,600	19,183
Elgin city (part of).....	22,346	
[For total see Hanover township, Cook county.]		
South Elgin village.....	515	506

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
KANE COUNTY—Concluded.		
Geneva township, including Geneva city	3,106	2,080
Geneva city	2,446	1,692
Ward 1	886	
Ward 2	864	
Ward 3	687	
Hampshire township, including Hampshire village	1,689	1,618
Hampshire village	760	686
Kaneville township	818	852
Plato township	1,144	1,114
Rusland township, including Gilberts village	1,178	1,140
Gilberts village	222	
St. Charles township, including St. Charles city	2,706	2,678
St. Charles city	2,676	1,690
Ward 1	837	
Ward 2	963	
Ward 3	866	
Sugar Grove township	823	816
Virgil township, including Maple Park village	1,324	1,376
Maple Park village	391	332
KANKAKEE COUNTY.	37,154	28,732
Aroma township, including Waldron village	1,142	1,092
Waldron village	236	306
Bourbonnais township, including Bourbonnais and Bradley villages	3,093	1,532
Bourbonnais village	595	
Bradley village	1,519	
Essex township, including Clarke City and Essex villages	1,765	1,439
Clarke City village	631	
Essex village	385	296
Ganier township, including ward 1 of Momence city	1,564	1,471
Momence city (part of)	681	608
Total for Momence city, in Ganier and Momence townships	2,025	1,635
Ward 1	681	
Ward 2	945	
Ward 3	400	
Kankakee township, including Kankakee city	12,966	9,296
Kankakee city	12,696	9,036
Ward 1	2,002	
Ward 2	1,566	
Ward 3	1,928	
Ward 4	4,072	
Ward 5	1,468	
Ward 6	1,498	
Ward 7	1,061	
Limestone township	876	765
Manteno township, including Manteno village	1,672	1,396
Manteno village	823	637
Momence township, including wards 2 and 3 of Momence city	2,077	1,545
Momence city (part of)	1,245	1,077
Norton township, including parts of Cabery and Reddick villages	1,761	1,553
Cabery village (part of)	140	136
[For total see Rogers township, Ford county.]		
Reddick village (part of)	289	
Total for Reddick village, in Norton township, Kankakee county, and Round Grove township, Livingston county	261	
Otto township, including part of Chebanse town	1,321	1,297
Chebanse town (part of)	178	142
[For total see Chebanse township, Iroquois county.]		
Pembroke township	512	346
Pilot township, including Herscher village	1,434	1,392
Herscher village	294	224
Rockville township	850	941
St. Anne township, including St. Anne village	1,570	1,432
St. Anne village	1,000	718
Salina township, including Bonfield village	964	963
Bonfield village	165	150
Summer township	782	918
Yellowhead township, including Grant Park village	1,605	1,545
Grant Park village	442	340

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
KENDALL COUNTY	11,467	12,106
Big Grove township, including Newark village and part of Lisbon village	1,411	1,461
Lisbon village (part of)	123	.....
Total for Lisbon village, in Big Grove and Lisbon townships	279	.....
Newark village	410	390
Bristol township, including Bristol village	1,070	1,211
Bristol village	427	.....
Fox township, including part of Millington village	1,178	1,168
Millington village (part of)	190	212
Total for Millington village, in Fox township, Kendall county, and Mission township, LaSalle county	286	301
Kendall township, including Yorkville village	1,866	1,232
Yorkville village	413	375
Lisbon township, including part of Lisbon village	1,087	1,112
Lisbon village (part of)	146	.....
Little Rock township, including Plano city	2,860	2,728
Plano city	1,634	1,825
Nauasay township	728	736
Oswego township, including Oswego village	1,532	1,538
Oswego village	618	641
Seward township	738	890
KNOX COUNTY	43,612	38,753
Cedar townships, including Wards 1 and 2, and parts of Wards 3 and 4, of Abingdon city	2,220	1,574
Abingdon city (part of)	1,376	799
Total for Abingdon city, in Cedar and Indian Point townships	2,022	1,321
Ward 1	533	.....
Ward 2	701	.....
Ward 3	456	.....
Ward 4	323	.....
Chestnut township	877	819
Copley township, including part of Victoria village	923	910
Victoria village (part of)	56	78
Total for Victoria village, in Copley and Victoria townships	339	306
Elba township	725	775
Galesburg township	961	708
Galesburg City township, coextensive with Galesburg city	18,607	15,264
Galesburg city:		
Ward 1	1,968	.....
Ward 2	2,293	.....
Ward 3	2,911	.....
Ward 4	2,053	.....
Ward 5	2,699	.....
Ward 6	2,610	.....
Ward 7	3,073	.....
Haw Creek township	875	961
Henderson township, including Henderson town	1,162	1,218
Henderson town	170	163
Indian Point township, including St. Augustine village, and parts of Wards 3 and 4 of Abingdon city	1,607	1,496
Abingdon city (part of)	646	532
St. Augustine village	229	255
Knox township, including East Galesburg village and Knoxville city	3,366	2,677
East Galesburg village	663	.....
Knoxville city	1,867	1,728
Ward 1	782	.....
Ward 2	496	.....
Ward 3	579	.....
Lynn township	719	743
Maquon township, including Maquon village	1,250	1,330
Maquon village	475	501
Ontario township, including Oneida city	1,406	1,337
Oneida city	785	699
Orange township	968	851
Peraifer township	759	711
Rio township	886	925
Salem township, including Yates City village	1,679	1,677
Yates City village	650	687
Sparta township, including Wataga village	1,298	1,238
Wataga village	645	596

Table No. 4—Continued.

Minor Civil Divisions.	1900	1909
KNOX COUNTY—Continued.		
Truro township, including Williamsfield village.....	1,139	885
Williamsfield village.....	467	.....
Victoria township, including part of Victoria village.....	1,136	1,179
Victoria village (part of).....	273	320
Walnut Grove township, including Altosa town.....	1,220	1,220
Altosa town.....	651	651
LAKE COUNTY.....	21,594	21,385
Antioch township, including Antioch village.....	1,941	1,704
Antioch village.....	621	303
Aven township, including Grayslake village.....	1,436	1,604
Grayslake village.....	456	.....
Benton township.....	126	620
Cuba township, including part of Barrington village.....	1,160	955
Barrington village (part of).....	352	305
[For total see Barrington township, Cook county.]		
East Deerfield township, including Fort Sheridan village and Highland Park city.....	4,654	2,620
Fort Sheridan village.....	1,575	651
Highland Park city.....	2,886	2,268
Ela township, including Lake Zurich village.....	1,263	1,296
Lake Zurich village.....	715	.....
Franklin township.....	1,096	1,005
Grant township.....	639	521
Libertyville township, including Libertyville village.....	2,145	1,654
Libertyville village.....	864	550
McHenry township.....	1,145	1,202
Shields township, including Lake Bluff village, Lake Forest city, and part of North Chicago village.....	3,625	1,751
Lake Bluff village.....	490	.....
Lake Forest city.....	2,216	1,300
Ward 1.....	661	.....
Ward 2.....	687	.....
Ward 3.....	386	.....
North Chicago village (part of).....	586	.....
Total for North Chicago village, in Shields and Waukegan townships.....	1,150	1,120
Vernon township.....	1,172	1,120
Warren township.....	1,265	1,077
Wauconda township, including Wauconda village.....	1,073	1,077
Wauconda village.....	397	300
Waukegan township, including Waukegan city and part of North Chicago village.....	10,407	5,300
North Chicago village (part of).....	555	.....
Waukegan city.....	9,435	4,915
Ward 1.....	4,200	.....
Ward 2.....	2,007	.....
Ward 3.....	1,627	.....
Ward 4.....	1,600	.....
West Deerfield township.....	770	703
LA SALLE COUNTY.....	67,776	60,796
Adams township, including Leland village.....	1,653	1,320
Leland village.....	624	654
Allen township, including Ransom village.....	922	1,052
Ransom village.....	320	300
Brookfield township.....	825	821
Bruce township, including wards 1, 2, 4, 5, 6, and 7, and part of ward 2 of Streator city.....	14,529	12,301
Streator city (part of).....	12,440	10,000
Total for Streator city, in Bruce and Eagle townships.....	14,079	11,614
Ward 1.....	2,106	.....
Ward 2.....	1,805	.....
Ward 3.....	1,610	.....
Ward 4.....	2,119	.....
Ward 5.....	1,000	.....
Ward 6.....	1,000	.....
Ward 7.....	2,363	.....
Dayton township.....	800	761

Table No. 4—Concluded.

Minor Civil Divisions.	1900	1890
LaSalle County—Concluded.		
Deer Park township	851	802
Dimmick township	814	851
Eagle township, including Kangley village and part of Ward 2 of Streator city	2,478	2,268
Kangley village	1,004	924
Streator city (part of)	630	614
Earl township, including Earlville city	1,957	2,020
Earlville city	1,122	1,058
Eden township, including Tonica village	1,382	1,410
Tonica village	497	473
Fall River township	406	396
Farm Ridge township, including Grand Ridge village	1,119	1,110
Grand Ridge village	322	328
Freedom township	1,036	1,026
Grand Rapids township	639	708
Groveland township, including Dana and Rutland villages	1,986	1,601
Dana village	310	221
Rutland village	893	509
Hope township, including Lostant village	1,351	1,054
Lostant village	450	378
LaSalle township, including LaSalle city	12,951	11,520
LaSalle city	10,446	9,565
Ward 1	1,965	
Ward 2	1,906	
Ward 3	1,687	
Ward 4	1,781	
Ward 5	1,667	
Ward 6	1,435	
Ward 7	1,766	
Manlius township, including Crotty village, and Ward 1 and part of Ward 2 of Marseilles city	2,771	2,683
Crotty village	1,036	1,190
Marseilles city (part of)	1,299	1,106
Total for Marseilles city, in Manlius and Rutland townships	2,550	2,210
Ward 1	786	
Ward 2	927	
Ward 3	846	
Mendota township, including Wards 1, 2 and 4 and part of Ward 3 of Mendota city	4,438	4,225
Mendota city (part of)	2,685	2,490
Total for Mendota city, in Mendota and Troy Grove townships	2,739	2,542
Ward 1	1,945	
Ward 2	878	
Ward 3	812	
Ward 4	1,001	
Meriden township	745	797
Miller township	860	1,016
Misson township, including Sheridan village and part of Millington village	1,324	1,394
Millington village (part of)	96	89
[For total see Fox township, Kendall county.]		
Sheridan village	496	425
Northville township	799	867
Ophir township	911	843
Osage township	1,052	1,028
Ottawa township, including Wards 2, 3, 4, 5, 6 and 7 of Ottawa city	9,696	9,464
Ottawa city (part of)	8,953	8,897
Total for Ottawa city, in Ottawa and South Ottawa townships	10,588	9,985
Ward 1	1,635	
Ward 2	1,316	
Ward 3	1,605	
Ward 4	1,268	
Ward 5	1,611	
Ward 6	1,192	
Ward 7	1,961	
Otter Creek township	1,143	1,085
Peru township, including Peru city	7,256	5,823
Peru city	6,963	5,550
Ward 1	1,658	
Ward 2	1,270	
Ward 3	1,146	
Ward 4	1,189	
Ward 5	1,604	

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
LASALLE COUNTY—Concluded.		
Richland township	844	712
Richland township, including Ward 3 and part of Ward 2 of Marseilles city	1,909	1,779
Marseilles city (part of)	1,280	1,105
Serena township	964	919
South Ottawa township, including Ward 1 of Ottawa city	2,254	1,729
Ottawa city (part of)	1,635	1,178
Troy Grove township, including Troy Grove village and part of Ward 3 of Mendota city	1,363	1,312
Mendota city (part of)	51	52
Troy Grove village	316	238
Utica township, including North Utica village	1,582	1,549
North Utica village	1,180	1,094
Vermilion township	550	556
Wallace township	655	644
Waltham township	760	808
LAWRENCE COUNTY	16,523	*14,693
Allison township	1,019	1,010
Bond township, including Bird village	1,522	1,459
Bird village	335	
Bridgeport township,† including Bridgeport town	934	1360
Bridgeport town	487	474
Christy township, including Sumner city	2,387	2,063
Sumner city	1,268	1,037
Denison township, including St. Francisville village	2,708	2,253
St. Francisville village	591	423
Lawrence township,† including Lawrenceville city	2,734	1,835
Lawrenceville city	1,800	865
Lukin township	1,715	1,705
Petty township	1,876	1,694
Russell township, including Russellville town	1,528	1,500
Russellville town	253	234
LEE COUNTY	29,894	26,137
Alto township	924	923
Amboy township, including Amboy city	2,726	2,119
Amboy city	1,626	2,257
Ashton township, including Ashton village	1,125	1,031
Ashton village	756	630
Bradford township	677	720
Brooklyn township, including Compton and West Brooklyn villages	1,347	1,164
Compton village	428	334
West Brooklyn village	379	
China township, including Franklin Grove town	1,315	1,361
Franklin Grove town	681	736
Dixon township, including Dixon city	9,129	5,804
Dixon city	7,917	5,161
Ward 1	2,027	
Ward 2	1,522	
Ward 3	2,643	
Ward 4	1,725	
East Grove township	653	650
Hamilton township	498	339
Harmon township	936	840
Lee Center township	576	739
Marion township	741	750
May township	657	703
Machusa township	896	913
Nelson township	598	454
Palmyra township	1,019	1,016
Reynolds township	743	674
South Dixon township	854	841

* Includes population (474) of Bridgeport town.

† Part of Lawrence township annexed to Bridgeport township since 1890.

‡ Exclusive of population of Bridgeport town.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
LEE COUNTY—Concluded.		
Sublette township, including Sublette village.....	1,004	1,000
Sublette village.....	806	.....
Viola township.....	694	598
Willow Creek township, including part of Lee village.....	969	1,034
Lee village (part of).....	151	153
[For total see Shabbona township, Dekalb county.]		
Wyoming township, including Pawpaw village.....	1,546	1,455
Pawpaw village.....	765	.....
LIVINGSTON COUNTY.....	42,035	38,455
Amity township, including Cornell village.....	1,226	1,232
Cornell village.....	531	437
Avoca township.....	814	876
Belle Prairie township.....	502	584
Broughton township, including parts of Campus and Emington vil-		
lages.....	992	964
Campus village (part of).....	14	.....
Total for Campus village, in Broughton and Round Grove town-		
ships.....	226	.....
Emington village (part of).....	147	.....
Total for Emington village,* in Broughton and Union townships..	308	129
Charlotte township.....	725	747
Chatsworth township, including Chatsworth town.....	1,754	1,578
Chatsworth town.....	1,038	837
Dwight township, including Dwight village.....	2,800	2,174
Dwight village.....	2,015	1,354
Eppard Point township.....	958	976
Esamen township.....	792	768
Fayette township, including Strawn village.....	668	643
Strawn village.....	224	223
Forrest township, including Forrest town.....	1,803	1,891
Forrest town.....	952	1,021
Germanville township.....	490	494
Indian Grove township, including Fairbury city.....	2,448	2,117
Fairbury city.....	2,187	2,324
Ward 1.....	637	.....
Ward 2.....	860	.....
Ward 3.....	640	.....
Long Point township, including Long Point village.....	1,067	1,129
Long Point village.....	284	.....
Nebraska township, including Flanagan village.....	1,468	1,451
Flanagan village.....	509	334
Nevada township.....	818	833
Newton township.....	809	1,589
Odell township, including Odell village.....	1,792	1,658
Odell village.....	1,000	800
Owego township.....	758	877
Pike township.....	778	878
Pleasant Ridge township.....	727	705
Pontiac township, including Pontiac city.....	7,048	4,066
Pontiac city.....	4,266	2,764
Reading township.....	1,575	1,513
Rooks Creek township.....	1,020	1,125
Round Grove township, including parts of Campus and Reddick vil-		
lages.....	1,484	983
Campus villages (part of).....	212	.....
Reddick village (part of).....	22	.....
[For total see Norton township, Kankakee county.]		
Saunemini township, including Saunemini village.....	1,258	1,466
Saunemini village.....	350	366
Sullivan township, including Cullom village.....	1,490	1,253
Cullom village.....	456	200
Sunbury township.....	892	902
Union township, including part of Emington village.....	844	841
Emington village (part of).....	59	.....
Waldo township.....	943	1,062

* Given in 1890 as in Broughton township only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
LOGAN COUNTY	28,680	25,439
Atlanta township, including Atlanta city.....	1,781	1,698
Atlanta city.....	1,270	1,178
Broadwell township, including Broadwell village.....	775	849
Broadwell village.....	202	231
Chester township.....	887	854
Corwin township.....	1,188	1,082
East Lincoln township, including part of Lincoln city.....	5,641	4,690
Lincoln city (part of).....	4,622	3,510
Total for Lincoln city, in East and West Lincoln townships.....	8,962	6,725
Elkhart township, including part of Elkhart city.....	1,378	1,400
Elkhart city (part of).....	471	361
Total for Elkhart city, in Elkhart and Huribut townships.....	553	414
Eminence township.....	1,186	1,155
Etna township.....	999	946
Huribut township, including part of Elkhart city.....	556	532
Elkhart city (part of).....	62	53
Laenna township, including Latham village.....	1,122	964
Latham village.....	429	265
Lake Fork township.....	490	429
Mt. Pulaski township, including Mt. Pulaski city.....	3,012	2,906
Mt. Pulaski city.....	1,643	1,357
Ward 1.....	496	
Ward 2.....	598	
Ward 3.....	549	
Oran township.....	948	942
Orvil township, including Emden and Hartsburg villages.....	1,632	1,508
Emden village.....	330	
Hartsburg village.....	269	289
Prairie Creek township, including part of San José village.....	984	1,085
San José village (part of).....	53	
Total for San José village,* in Prairie Creek township, Logan county, and Allen Grove township, Mason county.....	479	307
Sheridan township, including New Holland village.....	1,117	968
New Holland village.....	358	
West Lincoln township, including part of Lincoln city.....	5,192	4,086
Lincoln city (part of).....	4,339	3,215
McDONOUGH COUNTY	28,412	27,467
Bethel township.....	1,130	1,222
Blandinsville township, including part of Blandinsville village.....	1,710	1,696
Blandinsville village (part of).....	917	784
Total for Blandinsville village, in Blandinsville and Hire townships.....	996	877
Bushnell township, including Bushnell city.....	2,865	2,712
Bushnell city.....	2,490	2,314
Ward 1.....	911	
Ward 2.....	790	
Ward 3.....	789	
Chalmers township, exclusive of part of Macomb city.....	869	891
Colchester township, including Colchester city.....	2,359	2,505
Colchester city.....	1,635	1,643
Ward 1.....	461	
Ward 2.....	539	
Ward 3.....	635	
Eldorado township.....	890	862
Emmet township, exclusive of part of Macomb city.....	1,001	1,097
Hire township, including part of Blandinsville village.....	1,011	1,148
Blandinsville village (part of).....	78	33
Industry township, including Industry village.....	1,504	1,419
Industry village.....	463	432
Lemoine township.....	1,015	1,096
Macomb city, in Chalmers, Emmet, Macomb and Scotland townships.....	5,376	4,062
Ward 1.....	1,269	
Ward 2.....	1,590	
Ward 3.....	1,064	
Ward 4.....	1,453	

* Given in 1890 as in Allen Grove township, Mason county, only.

† Includes population (368) of Good Hope village.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
McDONOUGH COUNTY—Concluded.		
Macomb township, including part of Bardolph village, but exclusive of part of Macomb city.....	1,198	1,221
Bardolph village (part of).....	398	426
Total for Bardolph village, in Macomb and Mound townships.....	387	447
Mound township, including part of Bardolph village.....	1,014	1,145
Bardolph village (part of).....	19	21
New Salem township.....	1,168	1,155
Prairie township, including Prairie City village.....	1,142	1,214
Prairie City village.....	818	812
Sciotia township, including Sciotia village and part of Good Hope village.....	1,304	*1,081
Good Hope village (part of).....	300	.....
Total for Good Hope village, in Sciotia and Walnut Grove townships.....	430	268
Sciotia village.....	228	228
Scotland township, exclusive of part of Macomb city.....	895	874
Tennessee township, including Tennessee village.....	1,033	1,017
Tennessee village.....	327	312
Walnut Grove township, including part of Good Hope village.....	948	*781
Good Hope village (part of).....	180	.....
McHENRY COUNTY.....	29,759	26,114
Alden township.....	1,015	1,014
Algonquin township, including Algonquin and Cary villages and part of Crystal Lake village.....	2,048	2,512
Algonquin village.....	560	.....
Cary village.....	398	.....
Crystal Lake village (part of).....	800	654
Total for Crystal Lake village, in Algonquin and Nunda townships.....	960	781
Burton township.....	400	296
Chemung township, including Harvard city.....	2,814	2,058
Harvard city.....	2,602	1,967
Coral township, including Union village.....	1,451	1,254
Union village.....	322	.....
Dorr township, including Woodstock city.....	2,470	2,796
Woodstock city.....	2,502	1,682
Dunham township.....	859	919
Grafton township, including Huntley village.....	1,484	1,437
Huntley village.....	606	559
Greenwood township.....	991	899
Hartland township.....	874	960
Hebron township, including Hebron village.....	1,420	1,167
Hebron village.....	611	.....
McHenry township, including McHenry village.....	2,672	2,555
McHenry village.....	1,012	979
Marengo township, including Marengo city.....	2,959	2,225
Marengo city.....	2,005	1,445
Nunda township, including Nunda village and part of Crystal Lake village.....	1,963	1,905
Crystal Lake village (part of).....	150	127
Nunda village.....	604	438
Richmond township, including Richmond village.....	1,496	1,212
Richmond village.....	576	415
Riley township.....	915	820
Seneca township.....	1,105	1,046
McLEAN COUNTY.....	67,842	62,056
Allin township, including Stanford village.....	1,302	1,209
Stanford village.....	601	389
Anchor township.....	967	803
Arrowsmith township, including Arrowsmith village.....	1,091	1,090
Arrowsmith village.....	217	.....
Bellflower township, including Bellflower village.....	1,241	1,294
Bellflower village.....	356	.....

* Exclusive of population of Good Hope village.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
McLEAN COUNTY—Concluded.		
Bloomington township, including Wards 1, 2, 3, 4 and 7, and parts of Wards 5 and 6 of Bloomington city.....	23,528	19,743
Bloomington city (part of).....	21,278	17,523
Total for Bloomington city, in Bloomington and Normal townships	23,286	20,494
Ward 1.....	3,461	
Ward 2.....	3,753	
Ward 3.....	3,615	
Ward 4.....	3,183	
Ward 5.....	3,425	
Ward 6.....	3,049	
Ward 7.....	2,800	
Blue Mound township.....	1,158	1,057
Cheney Grove township, including Saybrook village.....	1,723	1,849
Saybrook village.....	879	861
Chenosa township, including Chenosa city.....	2,219	2,004
Chenosa city.....	1,512	1,326
Ward 1.....	406	
Ward 2.....	594	
Ward 3.....	513	
Cropsey township.....	544	543
Dale township.....	1,063	1,010
Danvers township, including Danvers village.....	1,760	1,665
Danvers village.....	607	506
Dawson township.....	1,275	1,254
Downs township.....	1,330	1,330
Dry Grove township.....	1,218	1,092
Empire township, including Leroy city.....	2,639	2,335
Leroy city.....	1,629	1,358
Ward 1.....	638	
Ward 2.....	511	
Ward 3.....	490	
Funks Grove township.....	916	777
Gridley township, including Gridley town.....	1,638	1,669
Gridley town.....	716	474
Hudson township, including Hudson town.....	1,377	1,269
Hudson town.....	378	378
Lawndale township.....	840	945
Lexington township, including Lexington city.....	2,498	2,174
Lexington city.....	1,415	1,197
Martin township, including Colfax village.....	1,911	1,438
Colfax village.....	1,153	
Money Creek township.....	845	652
Mt. Hope township, including McLean village.....	1,361	1,433
McLean village.....	533	500
Normal township, including Normal town and parts of Wards 5 and 6 of Bloomington city.....	6,659	7,312
Bloomington city (part of).....	2,008	2,961
Normal town.....	3,795	3,459
Oldtown township.....	970	906
Randolph township, including Heyworth village.....	1,891	1,833
Heyworth village.....	633	566
Towanda township, including Towanda village.....	1,243	1,255
Towanda village.....	467	403
West township.....	1,035	1,135
White Oak township.....	607	594
Yates township.....	919	1,017
MACON COUNTY.....		
Austin township.....	44,002	38,068
Blue Mound township.....	765	722
Decatur township, including Decatur city.....	1,265	1,159
Decatur city.....	24,863	18,694
Ward 1.....	20,764	16,841
Ward 2.....	2,787	
Ward 3.....	2,862	
Ward 4.....	2,966	
Ward 5.....	2,962	
Ward 6.....	2,953	
Ward 7.....	4,390	
	2,256	

* Formerly Padua.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
MACON COUNTY—Concluded.		
Friends Creek township, including Argenta town	1,686	1,561
Argenta town	535	.....
Harristown township	799	797
Hickory Point township	1,021	1,080
Illini township, including Warrensburg town	1,246	1,185
Warrensburg town	508	.....
Long Creek township	1,292	1,353
Maroa township, including Maroa city	2,066	2,084
Maroa city	1,212	1,164
Milan township	548	583
Mt. Zion township, including Mt. Zion town	1,320	1,334
Mt. Zion town	870	.....
Niantic township, including Niantic town	1,243	1,259
Niantic town	664	689
Oakley township, including Oakley town	1,080	1,070
Oakley town	99	.....
Pleasant View township, including Blue Mound town	1,479	1,392
Blue Mound town	714	696
South Macon township, including Macon village	1,451	1,675
Macon village	705	819
South Wheatland township*	969	1,015
Whitmore township	996	1,046
MACOUPIN COUNTY	42,256	40,390
Barr township, including part of Hettick village	1,186	1,098
Hettick village (part of)	116	.....
Total for Hettick village, in Barr and South Palmyra townships ..	259	.....
Bird township	893	872
Brighton township, including part of Brighton village	1,555	1,749
Brighton village (part of)	606	697
[For total see Plasa township, Jersey county.]		
Brushy Mound township	845	849
Bunker Hill township, including Bunker Hill city	2,516	2,745
Bunker Hill city	1,279	1,269
Cahokia township	1,108	1,171
Carlinville township, including Carlinville city	4,389	4,235
Carlinville city	3,502	3,293
Ward 1	999	.....
Ward 2	531	.....
Ward 3	999	.....
Ward 4	694	.....
Chesterfield township, including Chesterfield village and part of		
Medora village	1,422	1,496
Chesterfield village	877	874
Medora village (part of)	299	337
Total for Medora village, in Chesterfield and Shipman townships ..	449	470
Dorchester township	912	1,049
Gillespie township, including Gillespie village	1,716	1,775
Gillespie village	672	945
Girard township, including Girard city	2,223	2,139
Girard city	1,661	1,524
Ward 1	625	.....
Ward 2	484	.....
Ward 3	552	.....
Hillyard township	1,025	1,020
Honey Point township	837	895
Mt. Olive township,† including Mt. Olive village	3,481	.....
—Mt. Olive village	2,935	1,966
Nilwood township, including part of Nilwood village	1,341	1,247
Nilwood village (part of)	420	.....
Total for Nilwood village,‡ in Nilwood and South Otter townships ..	1,378	.....
North Otter township	846	961
North Palmyra township, including Modesto village and part of Pal-		
myra village	1,606	1,446
Modesto village	299	.....
Palmyra village (part of)	375	299
Total for Palmyra village, in North and South Palmyra townships ..	812	506

* Given as Wheatland in 1890.

† Mt. Olive township organized from part of Staunton township since 1890.

‡ Given in 1890 as in Nilwood township only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
MACOUPIN COUNTY—Concluded.		
Polk township.....	867	890
Scottville township, including Scottville village.....	1,283	1,365
Scottville village.....	354	363
Shaw Point township.....	950	995
Shipman township, including Shipman village and part of Medora village.....	1,464	1,531
Medora village (part of).....	150	123
Shipman village.....	266	410
South Otter township, including part of Nilwood village.....	1,104	1,104
Nilwood village (part of).....	958	
South Palmyra township, including parts of Hettick and Palmyra villages.....	1,519	1,537
Hettick village (part of).....	143	
Palmyra village (part of).....	439	307
Stanton township,* including Stanton city.....	2,385	5,355
Stanton city.....	2,786	2,202
Virden township, including Virden city.....	2,999	2,085
Virden city.....	2,280	1,610
Western Mound township.....	917	921
MADISON COUNTY	64,694	51,535
Alhambra township, including Alhambra village.....	1,245	1,123
Alhambra village.....	989	
Alton township, including Alton city and North Alton village.....	15,241	11,067
Alton city.....	14,310	10,294
Ward 1.....	2,152	
Ward 2.....	1,341	
Ward 3.....	1,636	
Ward 4.....	1,495	
Ward 5.....	2,216	
Ward 6.....	2,381	
Ward 7.....	2,001	
North Alton village.....	994	762
Chouteau township.....	875	954
Collinsville township, including Collinsville city.....	5,812	5,224
Collinsville city.....	4,031	3,496
Ward 1.....	677	
Ward 2.....	1,040	
Ward 3.....	1,248	
Ward 4.....	1,058	
Edwardsville township, including Edwardsville city.....	6,907	4,844
Edwardsville city.....	4,157	3,541
Ward 1.....	892	
Ward 2.....	1,156	
Ward 3.....	1,095	
Ward 4.....	1,034	
Fort Russell township, including part of Bethalto village.....	1,214	1,284
Bethalto village (part of).....	126	469
Total for Bethalto village, in Fort Russell and Wood River townships.....	477	879
Fosterburg township, including Fosterburg village.....	1,303	1,313
Fosterburg village.....	130	110
Godfrey township, including Godfrey village.....	1,666	2,040
Godfrey village.....	29	223
Hamel township.....	1,108	1,205
Helvetia township, including part of Highland city.....	2,090	2,162
Highland city (part of).....	1,777	
Total for Highland city † in Helvetia and Saline townships.....	1,970	1,867
Jarvis township, including Troy city.....	2,298	2,196
Troy city.....	1,080	826
Leef township, including part of Saline village.....	741	790
Saline village (part of).....	91	
Total for Saline village, in Leef and Saline townships.....	151	
Marine township, including Marine village.....	1,653	1,650
Marine village.....	696	637
Moro township.....	1,068	1,107

* Mt. Olive township organized from part of Stanton township since 1890.

† Given in 1890 as in Helvetia township only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
MADISON COUNTY—Concluded.		
Nameoki township, including part of Granite city.....	2,834	1,558
Granite city (part of).....	1,815	.....
Total for Granite city, in Nameoki and Venice townships.....	3,122	.....
New Douglas township, including New Douglas village.....	981	1,024
New Douglas village.....	499	555
Olive township.....	773	697
Omphgent township, including Worden village.....	1,459	1,472
Worden village.....	544	522
Pin Oak township.....	1,035	1,119
St. Jacob township, including St. Jacob village.....	1,460	1,643
St. Jacob village.....	464	475
Saline township, including parts of Highland city and Saline village.....	1,345	1,142
Highland city (part of).....	198	.....
Saline village (part of).....	60	.....
Venice township, including Madison village, Venice city, and part of Granite city.....	6,235	1,463
Granite city (part of).....	1,807	.....
Madison village.....	1,979	.....
Venice city.....	2,450	932
Wood River township, including East Alton village, Upper Alton city and part of Bethalto village.....	4,402	3,459
Bethalto village (part of).....	351	411
East Alton village.....	454	.....
Upper Alton city.....	2,373	1,806
MARION COUNTY.....	30,446	24,341
Alma township, including Alma village.....	1,190	862
Alma village.....	418	.....
Carrigan township.....	891	774
Centralia township, including Central City village and wards 1, 2, 4 and 5 and part of ward 3 of Centralia city.....	8,536	6,009
Central City village.....	615	304
Centralia city (part of).....	6,562	.....
[For total see Brookside township, Clinton county.]		
Foster township.....	909	821
Haines township.....	1,427	1,008
Iuka township, including Iuka village.....	1,332	1,197
Iuka village.....	421	362
Kinmundy township, including Kinmundy city.....	2,046	1,785
Kinmundy city.....	1,221	1,045
Meacham township.....	1,072	790
Odin township,* including Odin village.....	1,737	2,330
Odin village.....	1,180	817
Omega township.....	1,129	1,081
Patoka township, including Patoka village.....	1,712	1,501
Patoka village.....	640	502
Raccoon township.....	1,215	1,127
Romine township.....	1,401	1,185
Salem township, including Salem city.....	2,408	2,350
Salem city.....	1,642	1,498
Ward 1.....	494	.....
Ward 2.....	591	.....
Ward 3.....	557	.....
Sandoval township,* including Sandoval village.....	1,096	.....
Sandoval village.....	1,258	534
Stevenson township.....	612	752
Tonti township.....	918	954
MARSHALL COUNTY.....	16,370	12,653
Belle Plaine township, including La Rose village.....	944	958
La Rose village.....	146	.....
Bennington township, including Toluca city.....	2,422	919
Toluca city.....	2,629	.....

* Sandoval township organized from part of Odin township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
MARSHALL COUNTY—Concluded.		
Evans township, including Wenona city	2,408	1,899
Wenona city	1,486	1,063
Henry township, including Henry city	2,019	1,885
Henry city	1,637	1,612
Hopewell township	597	634
Lacon township, including Lacon city	1,908	2,098
Lacon city	1,601	1,649
La Prairie township	808	890
Richland township	725	805
Roberts township, including Varna village	1,069	1,065
Varna village	403	398
Saratoga township	681	779
Staubs township, including Sparland town	1,075	1,024
Sparland town	459	471
Whitefield township	719	631
MASON COUNTY	17,491	16,067
Allen Grove township, including part of San Jose village	1,236	1,108
San Jose village (part of)	436	.....
[For total see Prairie Creek township, Logan county.]		
Bath township, including Bath village	1,816	1,303
Bath village	330	394
Crane Creek township	776	706
Forest City township, including Forest City village	864	888
Forest City village	309	.....
Havana township, including Havana city	4,191	2,510
Havana city	2,268	2,535
Ward 1	1,141	
Ward 2	697	
Ward 3	1,230	
Kilbourne township	1,034	792
Lynchburg township	774	688
Manito township, including Manito village	1,222	1,157
Manito village	561	444
Mason City township, including Mason City	2,648	2,606
Mason City	1,890	1,869
Ward 1	574	
Ward 2	628	
Ward 3	636	
Pennsylvania township	896	837
Quiver township, including Topeka village	694	718
Topeka village	160	141
Salt Creek township	705	835
Sherman township, including Easton village	1,046	909
Easton village	335	.....
MASSAC COUNTY	12,110	11,312
Benton precinct	811	795
Brooklyn precinct, including Brooklyn village	1,702	924
Brooklyn village	865	216
Georges Creek precinct	593	823
Grant precinct	1,300	1,261
Hillerman precinct*	1,018	1,546
Jackson precinct	1,423	1,266
Logan precinct*	671	.....
Metropolis precinct, including Metropolis city	4,436	2,815
Metropolis city	4,069	2,673
Ward 1	1,908	
Ward 2	813	
Ward 3	1,296	
Ward 4	557	
Washington precinct	911	862

* Logan precinct organized from part of Hillerman precinct since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
MENARD COUNTY*	14, 336	13, 120
Athens precinct, including Athens city.....	2, 585	.....
Athens city.....	1, 535	944
Ward 1.....	576	.....
Ward 2.....	443	.....
Ward 3.....	516	.....
Fancy Prairie precinct.....	443	.....
Greenview precinct, including Greenview village.....	1, 856	.....
Greenview village.....	1, 019	1, 106
Indian Creek precinct.....	694	.....
Little Grove precinct.....	532	.....
Oakford precinct, including Oakford village.....	1, 089	.....
Oakford village.....	535	.....
Petersburg precinct, including Petersburg city.....	2, 933	.....
Petersburg city.....	2, 507	2, 343
Ward 1.....	906	.....
Ward 2.....	787	.....
Ward 3.....	1, 024	.....
Rock Creek precinct.....	663	.....
Sandridge precinct.....	535	.....
Sweetwater precinct.....	771	.....
Tallula precinct, including Tallula village.....	1, 541	.....
Tallula village.....	639	445
MERCER COUNTY	20, 945	18, 545
Abington township.....	1, 016	832
Duncan township.....	778	733
Elisa township.....	302	670
Greene township, including Viola village.....	2, 289	1, 640
Viola village.....	532	421
Keithsburg township, including Keithsburg city.....	1, 812	1, 747
Keithsburg city.....	1, 566	1, 484
Ward 1.....	400	.....
Ward 2.....	451	.....
Ward 3.....	715	.....
Mercer township, including Aledo city.....	2, 866	2, 330
Aledo city.....	2, 081	1, 601
Millersburg township.....	1, 879	1, 348
New Boston township, including New Boston city.....	1, 546	1, 235
New Boston city.....	703	445
North Henderson township.....	932	912
Ohio Grove township.....	896	309
Perryton township.....	817	913
Preemption township.....	829	854
Richland Grove township, including Cable, Sherrard, and Swedona villages.....	2, 709	2, 410
Cable village.....	697	1, 376
Sherrard village.....	836	.....
Swedona village.....	111	150
Rivoli township, including New Windsor town.....	1, 145	1, 342
New Windsor town.....	472	477
Suez township, including part of Alexis village.....	1, 027	815
Alexis village (part of).....	246	.....
Total for Alexis village,† in Suez township, Mercer county, and Spring Grove township, Warren county.....	915	893
MONROE COUNTY	13, 847	13, 948
Bluff precinct.....	638	631
Columbia precinct, including Columbia town.....	2, 157	2, 108
Columbia town.....	1, 197	1, 367
Harrisonville precinct.....	606	683
Mitchie precinct.....	1, 079	1, 016
Morelock precinct.....	633	677
New Design precinct.....	1, 451	1, 087
New Hanover precinct.....	617	674

* Not returned by precincts in 1890.

† Given in 1890 as in Spring Grove township, Warren county, only.

Table No. 4—Concluded.

Minor Civil Divisions.	1900	1890
MONROE COUNTY—Concluded.		
Prairie du Long precinct, including Hecker village.....	1,339	1,287
Hecker village.....	200	
Renault precinct, including Renault village.....	1,774	1,564
Renault village.....	217	
Waterloo precinct, including Waterloo city.....	2,254	2,081
Waterloo city.....	2,114	1,880
Ward 1.....	688	
Ward 2.....	688	
Ward 3.....	708	
MONTGOMERY COUNTY.....	20,594	*20,008
Audubon township.....	1,289	1,219
Bois d'Arc township, including Farmersville village.....	1,453	1,280
Farmersville village.....	215	
Butler Grove township, including Butler village.....	987	982
Butler village.....	298	311
East Fork township, including Coffeen village and part of Donnellson village.....	2,542	2,180
Coffeen village.....	983	818
Donnellson village (part of).....	100	
Total for Donnellson village, in East Fork and Grisham townships.....	2,255	
Fillmore township, including Fillmore village.....	2,209	2,061
Fillmore village.....	500	
Grisham township, including part of Donnellson village.....	812	886
Donnellson village (part of).....	168	
Harvel township, including part of Harvel village.....	687	722
Harvel village (part of).....	262	
(For total see King township, Christian county.)		
Hillsboro township, including Hillsboro city.....	2,949	2,091
Hillsboro city.....	1,987	
Irving township, including Irving village.....	1,086	1,548
Irving village.....	678	680
Nokomis township, including Nokomis city and part of Witt village.....	2,122	2,198
Nokomis city.....	1,811	1,808
Witt village (part of).....	14	
Total for Witt village, in Nokomis and Witt townships.....	429	
North Litchfield township, including Wards 2, 4 and 5 of Litchfield city.....	4,536	†1,089
Litchfield city (part of).....	2,987	
Total for Litchfield city, in North and South Litchfield townships.....	5,918	5,811
Ward 1.....	1,219	
Ward 2.....	1,112	
Ward 3.....	1,247	
Ward 4.....	1,256	
Ward 5.....	1,084	
Pitman township, including Waggoner village.....	1,007	919
Waggoner village.....	269	
Raymond township, including Raymond village.....	1,674	1,642
Raymond village.....	806	841
Roundtree township.....	522	542
South Litchfield township, including Wards 1 and 2 of Litchfield city.....	2,102	†894
Litchfield city (part of).....	2,221	
Washville township, including Washville village.....	884	904
Washville village.....	120	167
Witt township, including part of Witt village.....	1,230	1,067
Witt village (part of).....	414	
Zanesville township.....	918	941

* Includes population (5,811) of Litchfield city.

† Exclusive of population of Litchfield city.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
MORGAN COUNTY	35,006	*23,536
Alexander precinct.....	1,003	963
Arcadia precinct†.....	699	1,143
Chapin precinct,† including Chapin village.....	1,216	1,241
Chapin village.....	514	.....
Concord precinct†.....	989	1,061
Franklin precinct,† including Franklin village.....	2,027	2,280
Franklin village.....	687	578
Jacksonville precinct,† including Jacksonville village.....	17,628	15,899
Jacksonville city.....	15,078	12,935
Ward 1.....	2,061	.....
Ward 2.....	2,182	.....
Ward 3.....	2,623	.....
Ward 4.....	5,212	.....
Literberry precinct†.....	647	.....
Lynnville precinct,† including Lynnville village.....	544	824
Lynnville village.....	176	.....
Markham precinct†.....	417	.....
Meredosia precinct, including Meredosia town.....	1,562	1,349
Meredosia town.....	700	621
Murrayville precinct,† including Murrayville village.....	1,454	1,812
Murrayville village.....	467	422
Nortonville precinct†.....	920	.....
Pisgah precinct†.....	641	541
Prentice precinct†.....	696	.....
Sinclair precinct†.....	744	.....
Waverly precinct,† including Waverly city.....	2,781	2,619
Waverly city.....	1,573	1,337
Ward 1.....	408	.....
Ward 2.....	609	.....
Ward 3.....	556	.....
Woodson precinct, including Woodson village.....	1,079	1,324
Woodson village.....	255	.....
MOULTRIE COUNTY	15,224	14,461
Dora township, including Dalton City village.....	1,345	1,310
Dalton City village.....	333	334
East Nelson township.....	1,337	1,290
Jonathan Creek township.....	1,151	1,118
Lovington township, including Lovington village.....	2,134	2,245
Lovington village.....	815	767
Lowe township, including part of Arthur village.....	1,634	1,470
Arthur village (part of).....	463	275
[For total see Bourbon township, Douglas county.]	.....	.....
Marrowbone township, including Bethany village.....	1,922	1,888
Bethany village.....	873	688
Sullivan township, including Sullivan city.....	4,245	2,840
Sullivan city.....	2,339	1,468
Ward 1.....	748	.....
Ward 2.....	976	.....
Ward 3.....	975	.....
Whitley township.....	1,456	1,320

* Includes population (1,411) of Yatesville precinct, taken to form Prentice and Sinclair precincts, and part of Literberry precinct since 1890.

† Literberry precinct organized from parts of Arcadia and Yatesville precincts since 1890.

‡ Markham precinct organized from parts of Chapin (formerly Bethel), Concord, Jacksonville and Lynnville precincts since 1890.

§ Nortonville precinct organized from parts of Franklin, Murrayville and Waverly precincts since 1890.

¶ Formerly Sulphur Springs.

‡ Organized from parts of Yatesville precinct since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1900
OGLE COUNTY	29,129	28,710
Brookville township	600	636
Buffalo township, including Polo city	2,772	2,663
Polo city	1,869	1,728
Byron township, including Byron village	1,812	1,690
Byron village	1,015	968
Dement township, including Creston village	980	978
Creston village	361	339
Eagle Point township	579	590
Flagg township, including Rochelle city	2,781	2,495
Rochelle city	2,073	1,799
Ward 1	550	
Ward 2	800	
Ward 3	732	
Forreston township, including Forreston town	2,101	2,317
Forreston town	1,047	1,118
Grand Detour township	391	406
Lafayette township	326	326
Leaf River township, including Leaf River village	1,543	1,479
Leaf River village	507	339
Lincoln township	1,045	1,128
Lynnville township	631	769
Marion township	1,250	1,332
Maryland township, including Adeline village	1,147	1,370
Adeline village	216	256
Monroe township	977	928
Mt. Morris township, including Mt. Morris village	1,214	1,675
Mt. Morris village	1,048	895
Nashua township	408	428
Oregon township, including Oregon city	2,357	1,961
Oregon city	1,577	1,566
Ward 1	800	
Ward 2	702	
Ward 3	575	
Pine Creek township	1,055	1,044
Pine Rock township	975	1,032
Rockvale township	301	367
Scott township	366	325
Taylor township	317	314
White Rock township	385	387
Woosung township	466	506
PEORIA COUNTY	88,608	70,378
Akron township	1,009	1,022
Brimfield township, including Brimfield town	1,436	1,559
Brimfield town	677	719
Chillicothe township, including Chillicothe city and North Chillicothe town	2,585	2,451
Chillicothe city	1,699	1,632
Ward 1	458	
Ward 2	894	
Ward 3	412	
North Chillicothe town	417	
Elmwood township, including Elmwood town	2,330	2,451
Elmwood town	1,582	1,548
Hallock township	1,150	1,084
Hollis township	1,398	1,265
Jubilee township	744	706
Kickapoo township	1,611	1,639
Limestone township	3,451	2,046
Logan township	1,424	1,332
Medina township	760	738
Millbrook township	929	946
Peoria township, including Peoria city and part of North Peoria village	57,578	42,254
North Peoria village (part of)	465	
Total for North Peoria village,* in Peoria and Richwood townships	2,358	1,086

* Given in 1900 as Richwoods township only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
PEORIA COUNTY—Concluded.		
Peoria city*	58,100	41,034
Ward 1.....	7,987	
Ward 2.....	5,479	
Ward 3.....	5,690	
Ward 4.....	7,133	
Ward 5.....	8,166	
Ward 6.....	9,666	
Ward 7.....	11,969	
Princeville township, including Princeville village.....	1,717	1,663
Princeville village.....	735	641
Radnor township.....	1,247	1,096
Richwoods township, including Averyville and Peoria Heights villages, and part of North Peoria village.....	5,171	2,244
Averyville village.....	1,573	
North Peoria village (part of).....	1,893	
Peoria Heights village.....	308	
Rosefield township.....	1,150	1,116
Timber township, including Glasford and Kingston villages.....	1,913	1,536
Glasford village.....	409	268
Kingston village.....	509	
Trivett township.....	1,015	1,101
PERRY COUNTY.....	19,830	17,579
Beaucoup precinct.....	1,175	949
Cutler precinct.....	1,216	1,076
Duquoin precinct, including Duquoin city.....	7,008	7,063
Duquoin city.....	4,353	4,063
Ward 1.....	537	
Ward 2.....	745	
Ward 3.....	1,409	
Ward 4.....	1,373	
Paradise precinct.....	611	820
Pickneyville precinct, including Pickneyville city.....	5,008	3,874
Pickneyville city.....	2,357	1,396
Ward 1.....	709	
Ward 2.....	745	
Ward 3.....	853	
Southwestern precinct, including Willisville village.....	1,235	737
Willisville village.....	396	
Swanwick precinct.....	1,066	964
Tamaroa precinct, including Tamaroa village.....	2,312	2,026
Tamaroa village.....	853	
PIATT COUNTY.....	17,796	17,063
Bement township, including Bement village.....	2,547	2,457
Bement village.....	1,434	1,129
Blue Ridge township, including Mansfield village.....	2,023	1,925
Mansfield village.....	708	533
Cerro Gordo township, including Cerro Gordo village.....	2,796	2,822
Cerro Gordo village.....	1,098	939
Goose Creek township, including DeLand village.....	1,577	1,610
DeLand village.....	411	
Monticello township, including Monticello city.....	2,130	2,632
Monticello city.....	1,962	1,643
Ward 1.....	639	
Ward 2.....	796	
Ward 3.....	547	
Sangamon township.....	1,601	1,606
Unity township, including Hammond village and part of Atwood village.....	2,453	2,221
Atwood village (part of).....	403	330
[For total see Garrett township, Douglas county.]		
Hammond village.....	481	
Willow Branch township, including Cisco village.....	1,579	1,548
Cisco village.....	360	

* South Peoria village (population 1,638 in 1890) and West Peoria village annexed since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
PIKE COUNTY	\$1,595	\$1,000
Atlas township.....	1,837	1,568
Barry township, including Barry city.....	2,789	2,322
Barry city.....	1,648	1,364
Chambersburg township.....	680	720
Cincinnati township.....	879	845
Derry township, including Eldara town.....	1,055	1,176
Eldara town.....	249	241
Detroit township, including Detroit town.....	847	832
Detroit town.....	149	161
Fairmount township.....	934	969
Flint township.....	408	345
Griggsville township, including Griggsville city.....	2,206	2,284
Griggsville city.....	1,404	1,400
Hadley township.....	882	1,007
Hardin township, including Time village.....	896	1,061
Time village.....	126	146
Kinderhook township, including Kinderhook village.....	1,748	1,636
Kinderhook village.....	870	.....
Levee township.....	407	496
Marinsburg township.....	1,157	1,188
Montesuma township, including Milton village.....	1,420	1,860
Milton village.....	420	416
Newburg township.....	1,127	1,080
New Salem township, including Baylis village and New Salem town..	1,423	1,585
Baylis village.....	340	368
New Salem town.....	290	267
Pearl township, including Pearl village.....	1,518	1,256
Pearl village.....	722	928
Perry township, including Perry town.....	1,546	1,689
Perry town.....	642	705
Pittsfield township, including Pittsfield city.....	2,353	2,270
Pittsfield city.....	2,238	2,236
Pleasant Hill township, including Pleasant Hill village.....	1,490	1,411
Pleasant Hill village.....	330	310
Pleasant Vale township, including New Canton town.....	1,406	1,446
New Canton town.....	478	434
Ross township.....	470	415
Spring Creek township, including Nebo village.....	1,557	1,690
Nebo village.....	506	453
POPE COUNTY	12,586	14,016
Alexander precinct.....	1,066	1,072
Columbus precinct.....	713	805
Eddyville precinct, including Eddyville village.....	1,188	1,132
Eddyville village.....	162	212
Goldsboro precinct, including Goldsboro village.....	2,051	2,327
Goldsboro village.....	1,140	1,174
Grand Pier precinct.....	712	645
Jackson precinct, including Hamletsburg village.....	968	919
Hamletsburg village.....	280	.....
Jefferson precinct.....	564	633
Logan precinct.....	769	862
Monroe precinct.....	959	1,030
Polk precinct.....	1,018	878
Union precinct.....	1,187	1,103
Washington precinct.....	609	654
Webster precinct.....	890	896
PULASKI COUNTY	14,554	11,355
America precinct.....	569	651
Burkville precinct,* including Beechwood village.....	2,058	1,078
Beechwood village.....	864	.....
Grand Chain precinct, including New Grand Chain village.....	1,748	1,676
New Grand Chain village.....	451	.....

* Given as Mounds Junction in 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
PULASKI COUNTY—Concluded.		
Mound City precinct, including Mound City.....	2,524	1,965
Mound City.....	2,705	.....
Ward 1.....	792	.....
Ward 2.....	646	.....
Ward 3.....	1,267	.....
Ohio precinct, including Olmsted village.....	1,335	1,396
Olmsted village.....	269	208
Pulaski precinct, including Pulaski village.....	1,653	1,485
Pulaski village.....	424	.....
Ullin precinct.....	1,611	1,087
Villa Ridge precinct.....	1,987	1,481
Wetang precinct.....	789	617
PUTNAM COUNTY.....	4,746	4,720
Granville township, including Granville village.....	1,379	1,270
Granville village.....	320	148
Hennepin township, including Hennepin village.....	1,431	1,417
Hennepin village.....	632	574
Magnolia township, including Magnolia village.....	1,257	1,326
Magnolia village.....	264	257
Senachwine township.....	679	717
RANDOLPH COUNTY.....	29,001	25,049
Baldwin precinct, including Baldwin village.....	1,453	1,363
Baldwin village.....	261	256
Blair precinct.....	554	502
Bremen precinct.....	648	668
Brewerville precinct.....	1,167	929
Central precinct.....	595	732
Chester precinct, including Chester city.....	4,993	4,244
Chester city.....	2,532	2,708
Coulterville precinct, including Coulterville town.....	1,132	1,075
Coulterville town.....	650	596
Evansville precinct, including Evansville town.....	1,487	1,276
Evansville town.....	663	407
Florence precinct, including Ellis Grove village.....	1,020	683
Ellis Grove village.....	220	.....
Kaskaskia precinct, including Kaskaskia village.....	530	563
Kaskaskia village.....	177	.....
Palestine precinct.....	516	683
Percy precinct,* including Percy village.....	1,035	.....
Percy village.....	680	.....
Prairie du Rocher precinct, including Prairie du Rocher village.....	1,236	1,286
Prairie du Rocher village.....	247	406
Redbud precinct, including Redbud city.....	2,069	2,262
Redbud city.....	1,169	1,176
Rockwood precinct, including Rockwood village.....	962	946
Rockwood village.....	169	.....
Ruma precinct, including Ruma village.....	956	983
Ruma village.....	151	.....
Sparta precinct*, including Sparta city.....	4,251	3,415
Sparta city.....	2,941	1,979
Ward 1.....	1,284	.....
Ward 2.....	459	.....
Ward 3.....	1,158	.....
Steeleville precinct,* including Steeleville village.....	1,027	1,557
Steeleville village.....	562	401
Tilden precinct.....	729	622
Wine Hill precinct.....	845	795
RICHLAND COUNTY.....	16,391	15,019
Bonpas township.....	1,374	1,221
Claremont township, including Claremont town.....	1,456	1,552
Claremont town.....	226	212
Decker township.....	1,318	1,094
Denver township.....	911	843

* Percy precinct organized from parts of Sparta and Steeleville precincts since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
RICHLAND COUNTY—Concluded.		
German township.....	1,038	981
Madison township, including Parkersburg town.....	1,638	1,444
Parkersburg town.....	211	196
Noble township, including Noble town.....	1,817	1,516
Noble town.....	597	434
Oiney township, including Oiney city.....	5,435	4,951
Oiney city.....	4,260	3,531
Ward 1.....	1,448	
Ward 2.....	1,186	
Ward 3.....	1,625	
Preston township.....	1,366	1,307
ROCK ISLAND COUNTY	55,249	61,917
Andalusia township, including Andalusia village.....	650	537
Andalusia village.....	325	231
Blackhawk township, including Milan town.....	1,337	1,197
Milan town.....	719	632
Bowling township.....	763	738
Buffalo Prairie township.....	1,020	991
Canoe Creek township.....	455	359
Coal Valley township, including Coal Valley village.....	726	700
Coal Valley village.....	259	207
Coe township.....	950	909
Cordova township, including Cordova village.....	802	825
Cordova village.....	414	443
Drury township.....	1,125	1,130
Edgington township, including Reynolds village.....	1,150	1,220
Reynolds village.....	330	
Hampton township, including Hampton village and part of Rapids City village.....	2,962	2,164
Hampton village.....	374	341
Rapids City village (part of).....	307	269
Total for Rapids City village, in Hampton and Port Byron townships.....	312	286
Moline township, coextensive with Moline city.....	17,248	12,000
Moline city:		
Ward 1.....	2,531	
Ward 2.....	2,232	
Ward 3.....	2,116	
Ward 4.....	2,150	
Ward 5.....	3,038	
Ward 6.....	2,436	
Ward 7.....	1,637	
Port Byron township, including Port Byron village and part of Rapids City village.....	793	855
Port Byron village.....	732	775
Rapids City village (part of).....	5	19
Rock Island township, coextensive with Rock Island city.....	19,493	12,634
Rock Island city:		
Ward 1.....	2,484	
Ward 2.....	2,820	
Ward 3.....	3,194	
Ward 4.....	2,228	
Ward 5.....	2,502	
Ward 6.....	2,801	
Ward 7.....	3,464	
Rural township.....	814	806
South Moline township.....	2,479	1,959
South Rock Island township, including Sears village.....	1,554	1,232
Sears village.....	186	
Zuma township.....	647	629

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
ST. CLAIR COUNTY	86,685	66,571
Belleville township, coextensive with Belleville city.....	17,484	15,361
Belleville city:		
Ward 1.....	2,124	
Ward 2.....	2,186	
Ward 3.....	2,773	
Ward 4.....	3,061	
Ward 5.....	1,801	
Ward 6.....	2,123	
Ward 7.....	2,437	
Caseyville township, including Caseyville village.....	2,010	2,159
Caseyville village.....	449	475
Centerville Station township,* including Winstanley Park village....	4,795	3,751
Winstanley Park village.....	1,055	
East St. Louis township,* coextensive with East St. Louis city.....	29,655	15,169
East St. Louis city:		
Ward 1.....	1,045	
Ward 2.....	4,829	
Ward 3.....	2,164	
Ward 4.....	4,376	
Ward 5.....	5,063	
Ward 6.....	5,325	
Ward 7.....	7,863	
Englemann township.....	717	768
Fayetteville township, including Fayetteville and St. Libory villages	1,457	1,544
Fayetteville village.....	282	312
St. Libory village.....	230	
Freeburg township, including Freeburg village.....	2,193	1,757
Freeburg village.....	1,214	848
Lebanon township, including Lebanon city and Summerfield village..	2,169	3,172
Lebanon city.....	1,812	1,626
Summerfield village.....	350	557
Lensburg township, including Lensburg village.....	997	914
Lensburg village.....	343	266
Marissa township, including Marissa and Old Marissa villages.....	2,051	1,765
Marissa village.....	1,096	876
Old Marissa village.....	216	
Mascoutah township, including Mascoutah city.....	2,239	2,276
Mascoutah city.....	2,171	2,082
Ward 1.....	827	
Ward 2.....	719	
Ward 3.....	565	
Millstadt township, including Millstadt village.....	2,960	2,962
Millstadt village.....	1,172	1,186
New Athens township, including New Athens village.....	1,616	1,400
New Athens village.....	854	624
O'Fallon township, including O'Fallon village.....	2,550	2,112
O'Fallon village.....	1,267	865
Prairie du Long township.....	1,086	1,105
St. Clair township, including Swansea village.....	2,899	2,741
Swansea village.....	735	
Shiloh Valley township.....	1,414	1,226
Smithton township, including Smithton village.....	1,791	1,753
Smithton village.....	406	411
Stites township, including Brooklyn village.....	1,145	793
Brooklyn village.....	1,019	
Stookey township.....	1,322	1,422
Sugarloaf township, including East Carondelet village.....	1,185	1,278
East Carondelet village.....	222	404
SALINE COUNTY	21,686	19,242
Brushy township.....	1,467	1,593
Carrier Mills township, including Carrier Mills village.....	2,025	1,879
Carrier Mills village.....	427	
Cottage Grove township.....	989	1,029
East Eldorado township, including Eldorado town.....	2,163	2,247
Eldorado town.....	1,445	

Part of Centerville Station township annexed to East St. Louis township since 1890. **ENJ**

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
SALINE COUNTY—<i>Concluded.</i>		
Galatia township, including Galatia village	1,394	1,311
Galatia village	642	519
Harrisburg township, including Harrisburg town	4,093	2,150
Harrisburg town	2,203	1,723
Independence township	1,714	1,606
Long Branch township	895	923
Mountain township	1,431	1,237
Raleigh township, including Raleigh village	1,778	1,694
Raleigh village	319	.....
Rector township	941	880
Stonefort township, including part of Bolton village	890	815
Bolton village (part of)	239	193
Total for Bolton village, in Stonefort township, Saline county, and Saline precinct, Williamson county	479	464
Tate township	956	970
SANGAMON COUNTY	71,598	61,196
Auburn township,* including Auburn village	2,363	2,204
Auburn village	1,251	574
Ball township	1,018	1,032
Buffalo Hart township	579	602
Capital township,† coextensive with Springfield city	24,159	24,963
Springfield city:		
Ward 1	2,499	.....
Ward 2	4,998	.....
Ward 3	5,448	.....
Ward 4	5,758	.....
Ward 5	5,129	.....
Ward 6	5,679	.....
Ward 7	1,853	.....
Cartwright township, including Pleasant Plains village	1,775	1,911
Pleasant Plains village	516	518
Chatham township, including Chatham village	1,337	1,332
Chatham village	629	623
Clear Lake township, including Riverton village	2,071	2,455
Riverton village	1,511	1,127
Cooper township	920	947
Cotton Hill township	953	1,149
Curran township	1,022	994
Divernon township	996	.....
Fancy Creek township, including Cantrall village	1,407	1,293
Cantrall village	396	.....
Gardner township	1,185	1,249
Lilipolis township, including Lilipolis village	1,615	1,507
Lilipolis village	744	689
Island Grove township, including Berlin village	974	968
Berlin village	256	280
Lanesville township	760	809
Loami township,‡ including Loami village	1,095	1,542
Loami village	481	393
Maxwell township	479	.....
Mechanicsburg township, including Buffalo, Dawson and Mechanicsburg villages	2,393	2,073
Buffalo village	531	.....
Dawson village	574	.....
Mechanicsburg village	476	426
New Berlin township, including New Berlin village	1,177	1,081
New Berlin village	533	494
Pawnee township,* including Pawnee village	1,191	1,404
Pawnee village	585	.....
Rochester township, including Rochester village	1,278	1,333
Rochester village	365	.....
Salisbury township	589	566
Springfield township,† including Eldgely village	2,760	4,703
Eldgely village	1,169	1,007
Talkington township	896	923
Williams township, including Williamsville village	2,011	1,678
Williamsville village	573	444
Woodside township	2,565	2,356

* Divernon township organized from parts of Auburn and Pawnee townships since 1890.

† Parts of Springfield and Woodside townships annexed to Capital township since 1890.

‡ Maxwell township organized from part of Loami township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
SCHUYLER COUNTY	16,129	* 16,012
Bainbridge township.....	1,210	1,253
Birmingham township.....	894	951
Brooklyn township.....	1,172	1,189
Browning township, including Browning town.....	1,480	1,432
Browning town.....	455	.....
Buena Vista township, including parts of wards 1 and 2 of Rushville city.....	1,651	† 1,128
Rushville city (part of).....	629	.....
Total for Rushville city, in Buena Vista and Rushville townships.....	2,282	2,081
Ward 1.....	754	.....
Ward 2.....	710	.....
Ward 3.....	528	.....
Camden township.....	1,278	1,247
Frederick township.....	629	421
Hickory township.....	595	541
Huntsville township.....	976	964
Littleton township.....	1,092	1,137
Oakland township.....	1,192	1,301
Rushville township, including ward 2 and parts of wards 1 and 3 of Rushville city.....	2,898	† 1,265
Rushville city (part of).....	1,663	.....
Woodstock township.....	1,076	1,175
SCOTT COUNTY	10,454	10,304
Alsey precinct.....	644	.....
Bloomfield precinct.....	459	.....
Bluffs precinct, including Bluffs village.....	949	.....
Bluffs village.....	530	421
Exeter precinct, including Exeter town.....	771	.....
Exeter town.....	222	244
Glasgow precinct, including Glasgow village.....	899	.....
Glasgow village.....	225	197
Manchester precinct, including Manchester town.....	1,004	.....
Manchester town.....	490	406
Merritt precinct.....	551	.....
Naples precinct, including Naples town.....	596	.....
Naples town.....	296	452
North Winchester precinct, including part of Winchester city.....	1,548	.....
Winchester city (part of).....	822	.....
Total for Winchester city, in North and South Winchester precincts.....	1,711	1,542
Oxville precinct.....	540	.....
Point Pleasant precinct.....	486	.....
Sandy precinct.....	422	.....
South Winchester precinct, including part of Winchester city.....	1,586	.....
Winchester city (part of).....	776	.....
SHELBY COUNTY	22,126	† 21,191
Ash Grove township.....	1,248	1,427
Big Spring township.....	961	1,015
Cold Spring township.....	1,122	2,021
Dry Point township, including Cowden village.....	2,520	2,409
Cowden village.....	751	702
Fiat Branch township.....	991	1,147
Herrick township, including Herrick village.....	827	.....
Herrick village.....	421	.....
Holland township, including Fancher village.....	1,823	1,724
Fancher village.....	187	.....
Moweaqua township, including Moweaqua village.....	1,802	1,252
Moweaqua village.....	1,478	848

* Includes population (2,081) of Rushville city.

† Exclusive of population of Rushville city.

‡ Not returned by precincts in 1890.

§ Includes population (2,162) of Shelbyville city.

|| Herrick township organized from part of Cold Spring township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
SHELBY COUNTY—Concluded.		
Oconee township, including Oconee village.....	1,091	1,630
Oconee village.....	816	833
Okaw township, including part of Findlay village.....	1,408	1,129
Findlay village (part of).....	878	
Total for Findlay village, in Okaw and Todd Point townships.....	479	
Penn township.....	841	615
Pickaway township.....	890	824
Prairie township, including Stewardson town.....	2,096	2,267
Stewardson town.....	677	617
Richland township, including Strasburg village.....	1,350	1,241
Strasburg village.....	392	258
Ridge township.....	1,084	1,099
Rose township, including part of ward 3 of Shelbyville city.....	1,415	* 1,199
Shelbyville city (part of).....	230	
Total for Shelbyville city, in Rose and Shelbyville townships.....	2,546	2,163
Ward 1.....	621	
Ward 2.....	968	
Ward 3.....	890	
Ward 4.....	1,067	
Rural township.....	967	924
Shelbyville township, including wards 1, 2, and 4, and part of ward 3 of Shelbyville city.....	4,304	* 1,068
Shelbyville city (part of).....	3,216	
Sigel township, including Sigel village.....	990	924
Sigel village.....	293	258
Todd Point township, including part of Findlay village.....	629	600
Findlay village (part of).....	101	
Tower Hill township, including Tower Hill village.....	1,539	1,549
Tower Hill village.....	615	542
Windsor township including Windsor city.....	1,806	1,928
Windsor city.....	966	868
STARK COUNTY	10,186	9,932
Elmira township.....	963	884
Essex township, including part of Wyoming city.....	1,186	1,310
Wyoming city (part of).....	468	415
Total for Wyoming city, in Essex and Toulon townships.....	1,277	1,116
Goshen township, including Lafayette village and part of Toulon town.....	1,312	1,017
Lafayette village.....	263	250
Toulon town (part of).....	124	
Total for Toulon town,† including Goshen and Toulon townships.....	1,067	945
Osceola township, including Bradford village.....	1,063	1,484
Bradford village.....	773	604
Penn township.....	996	1,022
Toulon township, including parts of Toulon town and Wyoming city.....	2,553	2,579
Toulon town (part of).....	932	
Wyoming city (part of).....	809	701
Valley township.....	786	810
West Jersey township.....	691	976
STEPHENSON COUNTY	24,393	23,328
Buckeye township, including part of Cedarville village.....	1,403	1,490
Cedarville village (part of).....	278	
Total for Cedarville village,‡ in Buckeye, Harlem and Lancaster townships.....	377	336
Dakota township, including Dakota village.....	780	693
Dakota village.....	269	263
Erin township.....	571	626
Florence township.....	960	1,044

* Exclusive of population of Shelbyville city.

† In 1890 in Toulon township only.

‡ Includes population (10,189) of Freeport city.

§ Given in 1890 as in Buckeye township only.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
STEPHENSON COUNTY—Concluded.		
Freeport township,* including Freeport city	12,572	
Freeport city*	12,258	10,189
Ward 1	3,704	
Ward 2	4,401	
Ward 3	5,153	
Harlem township, including West Freeport village and part of Cedarville village	1,782	1,208
Cedarville village (part of)	49	
West Freeport village	724	
Jefferson township	522	526
Kent township	1,051	1,058
Lancaster township* including part of Cedarville village	1,151	1,070
Cedarville village (part of)	51	
Loran township, including Pearl City village	1,311	1,228
Pearl City village	437	
Oneco township, including Orangeville village	1,357	1,453
Orangeville village	843	847
Ridott township, including Ridott village	1,812	1,870
Ridott village	212	
Rock Grove township	896	973
Rock Run township, including Davis and Rock City villages	1,725	1,894
Davis village	396	455
Rock City village	174	148
Silver Creek township	1,370	1,217
Waddams township	1,347	1,344
West Point township, including Lena town	2,372	2,399
Lena town	1,252	1,270
Winslow township, including Winslow village	1,041	924
Winslow village	405	333
TAZEWELL COUNTY	32,231	29,556
Boynnton township	701	802
Cincinnati township	752	758
Deer Creek township, including Deer Creek village	941	893
Deer Creek village	298	125
Delavan township, including Delavan city	2,312	2,140
Delavan city	1,304	1,178
Dillon township	998	957
Elm Grove township, including part of Tremont town	1,158	1,187
Tremont town (part of)	61	47
Total for Tremont town, in Elm Grove and Tremont townships	768	508
Fondulac township, including East Peoria village	1,460	864
East Peoria village	899	392
Groveland township	1,656	1,457
Hittle township	990	942
Hopedale township, including Hopedale village	1,492	1,409
Hopedale village	600	471
Little Mackinaw township, including Minier village	1,579	1,551
Minier village	745	664
Mackinaw township, including Mackinaw town	1,485	1,474
Mackinaw town	869	545
Malone township	704	731
Morton township, including Morton village	1,759	1,661
Morton village	504	657
Pekin township, including Pekin city	8,645	6,587
Pekin city	8,420	6,947
Ward 1	2,224	
Ward 2	1,925	
Ward 3	2,472	
Ward 4	1,789	
Sand Prairie township	1,157	1,036
Spring Lake township	937	928
Tremont township, including part of Tremont town	1,531	1,230
Tremont town (part of)	707	451
Washington township, including Washington city	2,928	2,958
Washington city	1,459	1,301

* Freeport township not separately returned in 1890; probably returned with Freeport city, which was erroneously given as in Lancaster and Silver Creek townships.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
UNION COUNTY	22,610	21,549
Alto Pass precinct, including Alto Pass village	1,570	2,196
Alto Pass village	518	329
Anna precinct, including Wards 2, 3 and 4 of Anna city	2,611	1,597
Anna city (part of)	1,967	1,321
Total for Anna city, in Anna and Hess precincts	2,618	2,326
Ward 1	651	
Ward 2	706	
Ward 3	626	
Ward 4	635	
Cobden precinct, including Cobden village	2,610	4,106
Cobden village	1,034	994
Dongola precinct, including Dongola village	2,516	2,550
Dongola village	681	723
Hess precinct, including Ward 1 of Anna city	2,208	2,191
Anna city (part of)	651	974
Jonesboro precinct, including Jonesboro city	2,199	2,091
Jonesboro city	1,120	
Lick Creek precinct	9,118	966
Mill Creek precinct, including Mill Creek village	677	570
Mill Creek village	373	
Misenheimer precinct	440	536
Preston precinct	266	315
Reynoldsville precinct*	539	
Rich precinct	662	451
Stokes precinct	1,006	832
Union precinct*	640	922
Western Saratoga precinct	1,149	1,166
VERMILION COUNTY	65,636	69,906
Blount township	1,848	1,896
Butler township, including Rankin village	2,426	2,694
Rankin village	754	314
Carroll township,† including Indianola village	1,456	1,714
Indianola village	861	672
Catlin township,† including Catlin village	2,514	2,089
Catlin village	697	376
Danville township, including Brookville, Germantown, Grape Creek, South Danville and Tilton villages, Danville city, and part of Westville village	25,457	17,798
Brookville village	429	
Danville city	16,364	11,691
Ward 1	2,379	
Ward 2	2,089	
Ward 3	2,211	
Ward 4	2,397	
Ward 5	1,843	
Ward 6	2,378	
Ward 7	2,067	
Germantown village	1,782	1,178
Grape Creek village	610	779
South Danville village	899	799
Tilton village	674	674
Westville village (part of)	161	
Total for Westville village, in Danville and Georgetown townships	1,906	
Elwood township, including Ridge Farm village	2,646	2,745
Ridge Farm village	933	757
Georgetown township, including Georgetown and Himrod villages and part of Westville village	5,904	2,636
Georgetown village	998	662
Himrod village	428	
Westville village (part of)	1,454	

* Reynoldsville precinct organized from part of Union precinct since 1890.

† Part taken to form part of Jamaica township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
VERMILION COUNTY—Concluded.		
Grant township, including Hoopeston city.....	5,653	3,719
Hoopeston city.....	3,823	1,911
Ward 1.....	850	
Ward 2.....	1,354	
Ward 3.....	1,589	
Jamaica township*.....	764	
Middlefork township, including Marysville village.....	2,280	2,291
Marysville village.....	764	186
Newell township.....	2,141	1,995
Oakwood township, including Fithian and Muncie villages.....	3,318	2,873
Fithian village.....	309	
Muncie village.....	324	
Pilot township.....	1,549	1,585
Ross township, including Alvin and Rossville villages.....	3,879	3,129
Alvin village.....	368	
Rossville village.....	1,435	979
Sidell township,† including Sidell village.....	1,894	1,583
Sidell village.....	776	
Vance township,† including Fairmount village.....	2,028	1,875
Fairmount village.....	928	649
WABASH COUNTY.....	12,583	11,866
Bellmont precinct, including Belmont village.....	1,424	1,493
Belmont village.....	624	487
Coffee precinct.....	1,535	1,540
Friendsville precinct.....	1,161	1,104
Lancaster precinct.....	956	933
Lick Prairie precinct.....	529	584
Mt. Carmel precinct, including Mt. Carmel city.....	5,536	4,700
Mt. Carmel city.....	4,311	3,376
Ward 1.....	1,072	
Ward 2.....	996	
Ward 3.....	1,309	
Ward 4.....	958	
Wabash precinct.....	1,442	1,512
WARREN COUNTY.....	23,163	21,281
Berwick township.....	826	798
Coldbrook township.....	928	836
Ellison township.....	999	996
Floyd township.....	844	841
Greenbush township.....	802	819
Hale township.....	776	805
Kelly township.....	809	852
Lenox township.....	885	837
Monmouth township, including Monmouth city.....	8,652	7,081
Monmouth city.....	7,460	5,936
Ward 1.....	1,648	
Ward 2.....	1,190	
Ward 3.....	1,557	
Ward 4.....	1,241	
Ward 5.....	1,614	
Point Pleasant township.....	718	812
Roseville township, including Roseville village.....	1,664	1,475
Roseville village.....	1,014	798
Spring Grove township, including part of Alexis village.....	1,540	1,425
Alexis village (part of).....	669	
[For total see Sues township, Mercer county.]		
Summer township, including Little York village.....	1,029	891
Little York village.....	334	
Swan township.....	1,003	1,016
Tompkins township, including Kirkwood village.....	1,658	1,667
Kirkwood village.....	1,008	949

* Organized from parts of Carroll, Catlin, Sidell and Vance townships since 1890.

† Part taken to form part of Jamaica township since 1890.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
WASHINGTON COUNTY	19,526	19,263
Ashley township, including Ashley city.....	1,563	1,698
Ashley city.....	963	1,085
Beaucoup township.....	977	984
Bolo township.....	1,103	1,107
Covington township, including part of New Minden village.....	930	930
New Minden village (part of).....	97	71
Total for New Minden village, in Covington and Hoyleton townships.....	236	317
Dubois township, including Dubois village.....	1,401	1,271
Dubois village.....	335	304
Hoyleton township, including Hoyleton village and part of New Minden village.....	1,694	1,775
Hoyleton village.....	325	361
New Minden village (part of).....	129	146
Irvington township, including Irvington village.....	1,366	1,363
Irvington village.....	240	.....
Johannsburg township.....	943	960
Lively Grove township.....	876	897
Nashville township, including Nashville city.....	2,574	2,798
Nashville city.....	2,184	2,084
Oakdale township.....	897	864
Okawville township, including Addieville and Okawville villages.....	1,900	1,911
Addieville village.....	190	117
Okawville village.....	544	473
Pilot Knob township.....	836	775
Plum Hill township.....	905	903
Richview township, including Richview village.....	705	780
Richview village.....	444	465
Venedy township, including Venedy village.....	567	537
Venedy village.....	177	133
WAYNE COUNTY	27,636	*22,906
Arrington township.....	2,026	1,808
Barnhill township.....	1,209	1,181
Bedford township, including Clane village.....	1,972	1,638
Clane village.....	400	.....
Big Mound township, including parts of Wards 2 and 3 of Fairfield city.....	1,579	1,384
Fairfield city (part of).....	285	169
Total for Fairfield city, in Big Mound and Grover townships.....	2,338	1,661
Ward 1.....	503	.....
Ward 2.....	863	.....
Ward 3.....	893	.....
Elm River township.....	1,308	1,114
Four Mile township.....	1,650	1,435
Garden Hill township.....	639	.....
Grover township, including Ward 1 and parts of Wards 2 and 3 of Fairfield city.....	2,802	2,454
Fairfield city (part of).....	2,053	1,712
Hickory Hill township.....	1,596	1,304
Indian Prairie township, including Johnsonville village.....	2,057	1,812
Johnsonville village.....	268	.....
Jasper township.....	1,190	1,068
Lamard township, including Jeffersonville village.....	1,469	1,237
Jeffersonville village.....	286	256
Leech township, including Golden Gate village.....	2,021	1,560
Golden Gate village.....	345	.....
Massillon township.....	812	697
Mt. Erie township, including Mt. Erie village.....	1,615	1,412
Mt. Erie village.....	308	266
Orchard township.....	1,700	.....
Orel township, including Wayne City village.....	1,604	1,586
Wayne City village.....	522	.....
Ziff township.....	448	461

* Includes population (1,602) of Brush Creek township, taken to form Garden Hill and Orchard townships since 1890.

† Organized from part of Brush Creek township since 1890.

‡ Given in 1890 as in Four Mile and Orel townships.

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
WHITE COUNTY	25,586	25,006
Burnt Prairie township.....	2,157	2,051
Carmi township, including Carmi city.....	4,337	4,261
Carmi city.....	2,989	2,786
Ward 1.....	896	
Ward 2.....	967	
Ward 3.....	1,084	
Emma township.....	2,159	1,861
Enfield township, including Enfield town.....	2,164	2,106
Enfield town.....	971	870
Gray township, including part of Grayville city.....	2,040	2,211
Grayville city (part of).....	1,165	1,386
[For total see French Creek precinct, Edwards county.]		
Hawthorne township.....	1,696	1,902
Heralds Prairie township.....	2,041	2,242
Indian Creek township, including Norris City village.....	2,159	2,506
Norris City village.....	968	723
Mill Shoals township, including Mill Shoals town and Springerton village.....	3,107	2,642
Mill Shoals town.....	689	221
Springerton village.....	444	
Phillips township, including Crossville and Phillipstown villages.....	2,536	2,721
Crossville village.....	522	
Phillipstown village.....	100	
WHITESIDE COUNTY	34,710	30,854
Albany township, including Albany village.....	832	792
Albany village.....	639	611
Olyde township.....	945	882
Coloma township, including Rock Falls city.....	2,642	2,104
Rock Falls city.....	2,176	1,900
Ward 1.....	726	
Ward 2.....	647	
Ward 3.....	804	
Erie township, including Erie village.....	1,078	809
Erie village.....	768	535
Fenton township.....	696	735
Fulton township, including Fulton city.....	2,012	2,330
Fulton city.....	2,686	2,099
Ward 1.....	697	
Ward 2.....	897	
Ward 3.....	1,091	
Garden Plain township.....	1,124	1,066
Geneseo township.....	1,202	1,272
Hahnman township.....	756	615
Hopkins township.....	1,149	1,115
Hume township.....	572	524
Jordan township.....	1,050	1,078
Lyndon township, including Lyndon village.....	1,064	968
Lyndon village.....	430	461
Montmorency township.....	687	598
Mt. Pleasant township, including Morrison city.....	2,247	2,680
Morrison city.....	2,308	2,068
Ward 1.....	620	
Ward 2.....	642	
Ward 3.....	1,035	
Newton township.....	791	794
Portland township.....	850	782
Prophetstown township, including Prophetstown town.....	2,022	1,568
Prophetstown town.....	1,142	694
Sterling township, including Sterling city.....	7,505	6,656
Sterling city.....	6,309	5,524
Ward 1.....	1,214	
Ward 2.....	1,577	
Ward 3.....	1,139	
Ward 4.....	1,158	
Ward 5.....	1,221	
Tampico township, including Tampico village.....	1,459	969
Tampico village.....	807	429
Union Grove township.....	996	961
Ustick township.....	931	1,032

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
WILL COUNTY.	74,764	62,007
Channahon township, including Channahon village	959	1,096
Channahon village	261	
Crete township, including Crete village and part of Steger village	2,229	1,899
Crete village	760	642
Steger village (part of)	858	
[For total see Bloom township, Cook county.]		
Custer township	610	545
DuPage township, including part of Romeoville village	1,194	1,264
Romeoville village (part of)	79	
Total for Romeoville village, in DuPage and Lockport townships	118	
Florence township	759	774
Frankfort township, including Frankfort and Mokena villages	1,562	1,649
Frankfort village	250	431
Mokena village	281	364
Green Garden township	899	1,002
Homer township	1,061	1,067
Jackson township, including Elwood village	1,165	1,190
Elwood village	244	243
Joliet township, including Joliet city	40,537	27,439
Joliet city	29,363	23,264
Ward 1	7,787	
Ward 2	3,068	
Ward 3	4,186	
Ward 4	2,708	
Ward 5	2,698	
Ward 6	4,019	
Ward 7	4,897	
Lockport township, including Lockport village and part of Romeoville village	4,972	4,096
Lockport village	2,659	2,449
Romeoville village (part of)	34	
Manhattan township, including Manhattan village	1,131	1,061
Manhattan village	898	257
Monee township, including Monee village	1,216	1,309
Monee village	462	445
New Lennox township	1,204	1,164
Peotone township, including Peotone village	1,810	1,569
Peotone village	1,003	717
Plainfield township, including Plainfield village	1,793	1,779
Plainfield village	920	952
Reed township, including Braidwood city and part of Godley village	3,811	5,206
Braidwood city	3,279	4,641
Ward 1	839	
Ward 2	871	
Ward 3	950	
Ward 4	729	
Godley village (part of)	253	
[For total see Braceville township, Grundy county.]		
Troy township	907	896
Washington township, including Beecher village	1,596	1,574
Beecher village	410	342
Wesley township	623	646
Wheatland township	904	926
Will township	880	816
Wilmington township, including Wilmington city	3,065	2,298
Wilmington city	1,420	1,576
Wilton township	921	967
WILLIAMSON COUNTY.	27,796	22,326
Bainbridge precinct	841	816
Cartersville precinct, including Cartersville city and Grainville village	2,815	1,352
Cartersville city	1,749	969
Ward 1	854	
Ward 2	966	
Grainville village	890	

Table No. 4—Continued.

Minor Civil Divisions.	1900	1890
WILLIAMSON COUNTY—Concluded.		
Crab Orchard precinct*	1,098	1,378
Creal Springs precinct,† including Creal Springs city	1,812	.....
Creal Springs city	940	539
Denison precinct*	436	.....
Eight Mile precinct	1,161	895
Grassy precinct	1,622	1,968
Herrin Prairie precinct, including Herrin city	2,324	798
Herrin city	1,559	.....
Ward 1	540	.....
Ward 2	476	.....
Ward 3	543	.....
Lake Creek precinct, including Johnstown city	2,060	2,372
Johnstown city	787	.....
Marion precinct,* including Marion city and Spillertown village	4,439	2,875
Marion city	2,510	1,338
Spillertown village	248	.....
Northern precinct	1,684	1,395
Rock Creek precinct	1,118	1,292
Saline precinct,† including part of Bolton village	1,248	1,900
Bolton village (part of)	240	276
[For total see Stonefort township, Saline county.]		
Southern precinct	1,689	1,780
Union precinct†	750	2,048
Western precinct	1,764	1,124
WINNEBAGO COUNTY	47,845	29,938
Burritt township	658	722
Cherry Valley township, including Cherry Valley village	1,014	1,106
Cherry Valley village	349	.....
Durand township, including Durand village	1,256	1,222
Durand village	571	499
Gulford township	1,042	969
Harlem township	696	752
Harrison township	560	577
Laona township	577	664
New Milford township	761	865
Owen township	667	762
Pecatonica township, including Pecatonica village	1,677	1,796
Pecatonica village	1,045	1,059
Rockford township, including Rockford city	22,818	25,202
Rockford city	21,051	22,684
Ward 1	4,295	.....
Ward 2	6,328	.....
Ward 3	2,858	.....
Ward 4	2,451	.....
Ward 5	2,711	.....
Ward 6	7,296	.....
Ward 7	2,172	.....
Rockton township, including Rockton village	1,561	1,492
Rockton village	936	892
Roscoe township	811	894
Seward township	1,022	960
Shirland township	530	491
Winnebago township, including Winnebago village	1,216	1,422
Winnebago village	405	464
WOODFORD COUNTY	21,522	21,429
Casenovia township, including Washburn village	1,557	1,436
Washburn village	703	596
Clayton township, including Benson village	1,194	1,266
Benson village	367	328
Cruger township	429	481
El Paso township, including El Paso city and Kappa village	2,149	2,058
El Paso city	1,441	1,353
Kappa village	175	.....

* Denison precinct organized from parts of Crab Orchard and Marion precincts since 1890.

† Creal Springs precinct organized from parts of Saline and Union precincts since 1890.

Table No. 4—Concluded.

Minor Civil Divisions.	1900	1890
WOODFORD COUNTY—Concluded.		
Green township.....	823	828
Kansas township.....	424	458
Linn township.....	871	903
Metamora township, including Metamora village.....	1,653	1,710
Metamora village.....	758	758
Minonk township, including Minonk city.....	2,596	2,398
Minonk city.....	2,545	2,316
Ward 1.....	1,100	
Ward 2.....	630	
Ward 3.....	815	
Montgomery township.....	993	911
Otto township, including Eureka city.....	2,251	2,091
Eureka city.....	1,661	1,481
Ward 1.....	590	
Ward 2.....	508	
Ward 3.....	563	
Palestine township, including Secor village.....	1,164	1,270
Secor village.....	373	379
Panola township, including Panola village.....	1,023	971
Panola village.....	148	182
Partridge township.....	470	505
Roanoke township, including Roanoke village.....	1,330	1,878
Roanoke village.....	966	831
Spring Bay township, including Spring Bay village.....	342	339
Spring Bay village.....	128	147
Worth township.....	944	926

There are 930 incorporated cities, towns and villages in Illinois, and these incorporated places are presented in table 5 in alphabetical order, being abstracted from table 4, in which they are presented in detail under the counties in which they are severally situated.

TABLE NO. 5—*Population of the Incorporated Cities, Towns and Villages of Illinois, 1890 and 1900.*

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Abingdon city.....	2,022	1,321	Beecher village.....	410	343
Addieville village.....	190	117	Beecher City village.....	340	.....
Addison village.....	591	485	Beechwood village.....	854	.....
Adeline village.....	216	256	Belknap village.....	372	358
Albany village.....	629	611	Belle Prairie village.....	129	.....
Albion village.....	1,162	937	Bellerive town.....	870	.....
Aledo city.....	2,081	1,601	Belleville city.....	17,494	15,361
Alexis village.....	916	562	Bellflower village.....	386	.....
Algonquin village.....	550	.....	Belmont village.....	624	487
Alhambra village.....	368	.....	Belvidere city.....	6,387	3,887
Alma village.....	419	.....	Bement village.....	1,484	1,129
Alpha village.....	355	.....	Benson village.....	367	338
Altamont town.....	1,335	1,044	Bensenville village.....	374	295
Alton city.....	14,210	10,234	Bentley city.....	138	144
Altona town.....	633	654	Benton village.....	1,341	939
Alto Pass village.....	518	369	Berlin village.....	256	280
Alvin village.....	366	.....	Bethalto village.....	477	879
Amboy city.....	1,526	2,257	Bethany village.....	873	688
Andalusia village.....	326	281	Biggsville village.....	417	487
Andover town.....	238	259	Bingham town.....	273	178
Anna city.....	2,618	2,295	Bird village.....	335	.....
Annanan village.....	428	387	Bishop Hill village.....	345	320
Antioch village.....	522	363	Blandinsville village.....	995	877
Apple River village.....	576	572	Bloomington city.....	23,286	20,494
Arcola city.....	1,995	1,733	Bloomington city.....	6,114	3,329
Arensville village.....	482	356	Blue Island village.....	714	695
Argenta town.....	525	.....	Blue Mound town.....	539	421
Arlington village.....	400	436	Blue Mound town.....	479	464
Arlington Heights village.....	1,390	1,424	Bluffs village.....	496	.....
Arrowsmith village.....	317	.....	Bonfield village.....	165	150
Arthur village.....	858	536	Bourbonnias village.....	595	.....
Ashkum village.....	429	300	Bowen village.....	525	376
Ashland town.....	1,201	1,045	Braceville village.....	1,669	2,150
Ashley city.....	953	1,035	Bradford village.....	773	604
Ashmore village.....	476	446	Bradley village.....	1,518	.....
Ashton village.....	756	680	Braidwood city.....	3,279	4,641
Assumption village.....	1,702	1,076	Breese village.....	1,571	808
Astoria town.....	1,684	1,357	Bridgeport town.....	487	474
Atlanta city.....	1,535	944	Brighton village.....	680	743
Atkinson village.....	762	534	Brimfield town.....	667	719
Atlanta city.....	1,270	1,178	Bristol village.....	427	.....
Atwood village.....	698	530	Broadwell village.....	202	231
Auburn village.....	1,281	874	Brocton village.....	613	292
Augusta village.....	1,149	1,077	Brooklyn village.....	865	216
Aurora city.....	24,147	19,688	Brooklyn village.....	1,019	.....
Ava village.....	984	807	Brooklyn village.....	422	.....
Averyville village.....	1,573	.....	Broughton village.....	327	.....
Aviston village.....	387	381	Browning town.....	456	.....
Avon village.....	509	692	Browns village.....	421	.....
Baldwin village.....	381	298	Brussels village.....	270	228
Bardolph village.....	387	447	Bryant village.....	355	309
Barrington village.....	1,162	848	Buckley village.....	490	433
Barry city.....	1,643	1,354	Buda village.....	873	990
Bartleso village.....	274	.....	Buffalo village.....	531	.....
Bartlett village.....	360	263	Bunker Hill city.....	1,279	1,289
Basco village.....	316	327	Bureau village.....	545	363
Batavia city.....	3,871	3,543	Bushnell city.....	2,490	2,314
Batchtown village.....	360	.....	Butler village.....	292	311
Bath village.....	330	384	Byron village.....	1,016	696
Baylis village.....	340	368			
Beardstown city.....	4,827	4,226	Cabery village.....	385	342

Table No. 5—Continued.

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Cable village.....	687	1,376	Crotty village.....	1,086	1,190
Cairo city.....	12,686	10,324	Crystal Lake village.....	960	781
Cambridge village.....	1,945	940	Cuba city.....	1,196	1,114
Campbell Hill village.....	497	280	Cullom village.....	456	200
Camppoint village.....	1,280	1,160			
Campus village.....	226				
Canthon city.....	6,564	5,604	Dahlgren village.....	453	301
Cantrell village.....	296		Dakota village.....	269	283
Capron village.....	502	436	Dallas city.....	970	747
Carbondale city.....	2,218	2,282	Dalton City village.....	283	224
Carbon Hill village.....	1,252		Dana village.....	310	221
Carlinville city.....	3,502	2,253	Danforth village.....	407	
Carlyle city.....	1,674	1,784	Danvers village.....	607	506
Carmi city.....	2,939	2,786	Danville city.....	16,354	11,491
Carpentersville village.....	1,002	754	Davis village.....	398	455
Carrier Mills village.....	437		Dawson village.....	574	
Carrollton city.....	2,355	2,258	Decatur city.....	20,764	16,841
Cartersville city.....	1,749	969	Deer Creek village.....	298	125
Carthage town.....	2,104	1,654	DeKalb city.....	5,904	2,579
Cary village.....	399		DeLand village.....	411	
Casey city.....	1,600	844	Delavan city.....	1,304	1,176
Caseyville village.....	449	475	Depue village.....	498	455
Catlin village.....	697	275	DeSoto village.....	580	376
Cedarville village.....	377	326	Des Plaines village.....	1,686	986
Central City.....	290	673	Detroit town.....	149	161
Central City village.....	615	304	Dewitt village.....	253	265
Centralla city.....	6,721	4,763	Diamond village.....	672	
Cerro Gordo village.....	1,008	839	Dieterich village.....	282	
Chadwick village.....	505		Dixon city.....	7,917	5,161
Champaign city.....	9,088	5,839	Dolton village.....	1,229	1,110
Chandlerville village.....	940	910	Dongola village.....	631	723
Channahon village.....	261		Donnellson village.....	268	
Chapin village.....	514		Dover village.....	247	220
Charleston city.....	5,436	4,135	Downers Grove village.....	2,108	980
Chatham village.....	639	453	Dubuque city.....	226	204
Chatsworth town.....	1,088	837	Duquoin city.....	4,253	4,032
Chebanse town.....	555	616	Durand village.....	571	439
Chenoa city.....	1,512	1,226	Dwight village.....	2,015	1,264
Cherry Valley village.....	349				
Chester city.....	2,332	2,708			
Chesterfield village.....	377	374	Earlville city.....	1,122	1,068
Chicago city.....	1,098,575	1,099,850	East Alton village.....	454	
Chicago Heights village.....	5,100		East Carondelet village.....	222	404
Chillicothe city.....	1,695	1,682	East Dubuque city.....	1,146	1,046
Charlman city.....	305	830	East Dundee village.....	1,417	1,150
Cisco village.....	280		East Galesburg village.....	663	
Cisne village.....	400		Easton village.....	286	
Cissna Park village.....	628		East Peoria village.....	899	592
Claremont town.....	226	212	East St. Louis city.....	29,665	16,109
Clarke City village.....	631		Eddyville village.....	162	212
Clay City village.....	307		Edgewood town.....	412	255
Clayton village.....	996	1,032	Edinburg village.....	1,071	806
Clifton village.....	652	474	Edison Park village.....	344	
Clinton city.....	4,452	2,596	Edwardsville city.....	4,167	2,561
Coal City town.....	2,807	1,672	Elmhurst village.....	3,774	2,280
Coal Valley village.....	259	207	Elburn village.....	606	584
Coatsburg village.....	321	306	Eldara town.....	249	241
Cobden village.....	1,034	994	Eldorado town.....	1,445	
Coffeen village.....	963	518	Elgin city.....	22,432	17,822
Colchester city.....	1,635	1,643	Elizabeth town.....	659	495
Colfax village.....	1,158		Elizabethtown village.....	666	662
Collinsville city.....	4,021	3,496	Elkhart city.....	563	414
Columbia town.....	1,197	1,267	Elkville village.....	465	145
Columbus village.....	196	201	Ellis Grove village.....	280	
Compton village.....	428	224	Ellisville village.....	219	255
Cordova village.....	414	442	Elmhurst village.....	1,728	1,050
Cornell village.....	521	427	Elmwood town.....	1,562	1,645
Cortland village.....	261	215	El Paso city.....	1,441	1,253
Coulterville town.....	660	596	Elsah village.....	230	271
Cowden village.....	751	702	Elvaston village.....	306	307
Creal Springs city.....	940	539	Elwood village.....	244	243
Crescent City village.....	371		Emden village.....	330	
Creston village.....	381	229	Emington village.....	206	129
Crete village.....	760	642	Enfield town.....	971	870
Crossville village.....	522		Equality village.....	606	622

Table No. 5—Continued.

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Erie village.....	768	535	Grand Tower village.....	661	624
Essex village.....	385	266	Granite city.....	2,122	.....
Eureka village.....	1,661	1,481	Grant Park village.....	442	340
Evanston city.....	19,269	.....	Granville village.....	320	145
Evansville town.....	663	407	Grape Creek village.....	610	778
Evergreen Park village.....	445	.....	Grayslake village.....	416	.....
Ewing village.....	419	290	Grayville city.....	1,948	1,999
Exeter town.....	233	244	Greenfield city.....	1,095	1,121
			Greenup village.....	1,085	868
			Greenview village.....	1,019	1,106
Fairbury city.....	2,187	2,324	Greenville city.....	2,504	1,868
Fairfield city.....	2,336	1,881	Gridley town.....	716	474
Fairmount village.....	928	649	Griggsville city.....	1,404	1,400
Fairview village.....	501	492	Grossdale village.....	1,111	.....
Fancher village.....	187	.....	Gross Point village.....	669	.....
Farina town.....	698	618			
Farmer City city.....	1,664	1,367	Hamburg village.....	308	.....
Farmer'sville village.....	315	.....	Hamilton city.....	1,344	1,301
Farmington city.....	1,729	1,375	Hamlettsburg village.....	280	.....
Fayetteville.....	282	312	Hammond village.....	481	.....
Ferris village.....	269	305	Hampshire village.....	760	696
Fidelity town.....	222	.....	Hampton village.....	374	341
Fieldon town.....	259	292	Hanover village.....	785	743
Fillmore village.....	500	.....	Hardin village.....	494	311
Findlay village.....	479	.....	Harlem village.....	4,036	.....
Fisher village.....	614	.....	Harrisburg town.....	2,202	1,722
Fithian village.....	309	.....	Hartsburg village.....	269	269
Flanagan village.....	509	384	Harvard city.....	2,602	1,967
Flat Rock village.....	315	151	Harvel village.....	357	246
Flora city.....	2,311	1,695	Harvey city.....	5,395	.....
Forest City village.....	309	.....	Havana city.....	2,269	2,535
Forrest town.....	952	1,021	Hebron village.....	611	.....
Forreston town.....	1,047	1,118	Hecker village.....	200	.....
Fort Sheridan village.....	1,575	451	Henderson town.....	170	163
Fosterburg village.....	130	110	Hennepin village.....	528	574
Frankfort village.....	250	431	Henry city.....	1,637	1,512
Franklin village.....	687	578	Herrick village.....	421	.....
Franklin Grove town.....	681	736	Herrin city.....	1,559	.....
Franklin Park village.....	483	.....	Herschel village.....	384	224
Freeburg village.....	1,214	848	Hettick village.....	259	.....
Freeport city.....	13,358	10,189	Heyworth village.....	683	566
Fulton city.....	2,685	2,099	Highland city.....	1,970	1,857
			Highland Park city.....	2,508	2,163
Galatia village.....	642	519	Hillsboro city.....	1,937	.....
Galena city.....	5,005	5,635	Himrod village.....	426	.....
Galesburg city.....	13,607	15,264	Hinckley village.....	587	496
Galva town.....	2,682	2,409	Hindsboro village.....	342	286
Gardner village.....	1,036	1,094	Hindsdale village.....	2,578	1,584
Geneseo city.....	2,356	3,182	Hodgkins village.....	195	.....
Geneva city.....	2,446	1,692	Holloway village.....	207	.....
Genoa village.....	1,140	634	Homer village.....	1,080	917
Georgetown village.....	968	662	Homewood village.....	352	.....
German town village.....	1,782	1,178	Hoopeston city.....	2,322	1,911
Germantown village.....	655	537	Hopedale village.....	600	471
Gibson city.....	2,054	1,803	Hoytville village.....	352	361
Gilberts village.....	222	.....	Hudson town.....	378	273
Gillespie village.....	873	945	Huey village.....	267	.....
Gilman city.....	1,441	1,112	Humboldt village.....	319	279
Girard city.....	1,681	1,524	Hume village.....	598	432
Gladstone village.....	433	.....	Huntley village.....	606	550
Glasford village.....	409	268	Hutsonville village.....	743	582
Glasgow village.....	235	187			
Glencoe village.....	1,020	569	Illipolis village.....	744	689
Glen Ellyn village.....	793	473	Ina town.....	317	.....
Godfrey village.....	39	228	Indianola village.....	381	472
Godley village.....	329	296	Industry village.....	423	432
Golconda village.....	1,140	1,174	Ipava village.....	749	667
Golden village.....	516	466	Iroquois village.....	427	393
Golden Gate village.....	845	.....	Irving village.....	675	630
Good Hope village.....	430	368	Irvington village.....	240	.....
Goreville village.....	406	.....	Itasca village.....	256	.....
Grafton village.....	955	927	Iuka village.....	421	362
Grainville village.....	290	.....	Ivesdale village.....	476	328
Grand Ridge village.....	392	328			

Table No. 5—Continued.

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Jacksonville city	15,078	12,935	Loraine village	349	337
Jeffersonville village	296	256	Lostant village	480	378
Jerseyville city	2,517	3,207	Louisville village	646	637
Jewett village	322	335	Lovington village	815	787
Johnsonville village	268	.....	Ludlow village	306	298
Johnston city	787	.....	Lyndon village	430	461
Joliet city	23,353	23,284	Lynnville village	176	.....
Jonesboro city	1,120	.....	Lyons village	951	782
Kampsville village	330	172	McHenry village	1,013	979
Kane village	538	551	McLean village	532	500
Kangley village	1,004	934	McLeansboro city	1,758	1,355
Kankakee city	12,595	9,025	Macedonia village	815	.....
Kansas village	1,049	1,037	Mackinaw town	859	545
Kappa village	175	.....	Macomb city	5,375	4,053
Kaskaskia village	117	.....	Macon village	705	819
Keithsburg city	1,556	1,484	Madison village	1,979	.....
Kempton village	409	201	Magnolia village	264	287
Kenilworth village	336	.....	Mahomet village	515	473
Kenney village	584	497	Makanda village	528	344
Kewanee city	8,382	4,569	Malden village	309	319
Keyesport village	500	.....	Malta village	507	461
Kinderhook village	370	.....	Manchester town	430	408
Kingston village	305	295	Manhattan village	358	358
Kingston village	509	.....	Manito village	561	444
Kinnundy city	1,221	1,045	Mansfield village	708	533
Kinman village	174	129	Manteno village	932	637
Kirkland village	636	410	Maple Park village	391	352
Kirkwood village	1,008	949	Maquon village	475	501
Knoxville city	1,359	1,728	Marengo city	2,905	1,445
Lacon city	1,601	1,649	Marion city	666	687
Ladd village	1,324	.....	Marion city	2,510	1,538
Lafayette village	283	250	Marissa village	1,086	576
Lagrange village	2,969	2,314	Maroa city	1,213	1,164
Lagrange Park village	730	.....	Marselles city	2,559	2,210
LaHarpe city	1,581	1,113	Marshall city	2,077	1,300
Lake Bluff village	1,490	.....	Martinsville village	1,000	779
Lake Forest city	2,315	1,203	Martinton village	319	125
Lake Zurich village	215	.....	Marysville village	764	198
LaMoille village	576	516	Mascoutah city	2,171	2,032
LaMarck city	1,306	1,295	Mason City city	1,890	1,869
Lansing village	580	.....	Mason town city	369	425
LaPrairie village	182	194	Mattison village	9,449	322
LaRose village	146	.....	Mattoon city	9,622	6,593
LaSalle city	10,446	9,855	Maywood village	4,532	.....
Latham village	429	269	Mazon village	447	.....
Lawrenceville city	1,300	865	Mechanicsburg village	476	426
Leaf River village	507	339	Medora village	449	470
Lebanon city	1,812	1,636	Melrose Park village	2,592	.....
Lee village	287	264	Melvin village	550	491
Leland village	634	554	Mendon village	627	640
Lemont village	2,449	.....	Mendota city	3,786	3,442
Lens town	1,252	1,270	Meredosia town	700	621
Lensburg village	343	266	Metamora village	758	758
L'Erable village	135	.....	Metcalf village	429	244
Lerna village	396	.....	Metropolis city	4,069	3,573
Leroy city	1,629	1,258	Milan town	719	692
Lewistown city	2,504	2,166	Milford village	1,077	957
Lexington city	1,415	1,147	Mill Creek village	273	.....
Liberty town	499	.....	Millidgeville village	633	446
Libertyville village	864	550	Millersburg village	305	.....
Lima village	280	251	Millington village	286	301
Lincoln city	8,962	6,725	Mill Shoals town	669	221
Lisbon village	279	.....	Millstadt village	1,172	1,195
Litchfield city	5,918	5,811	Milton village	420	415
Little York village	334	.....	Mineral village	339	189
Loomi village	481	383	Minier village	746	664
Lockport village	2,665	2,449	Minonk city	2,545	2,316
Loda village	668	598	Minooka village	424	360
Lombard village	590	515	Modesto village	399	.....
London Mills village	528	661	Mokena village	281	384
Long Point village	284	.....	Moline city	17,248	12,000
			Momence city	2,036	1,635
			Monee village	462	445

Table No. 5—Continued.

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Monmouth city.....	7,460	5,936	Oblong village.....	748	390
Montgomery village.....	360	263	Oceonee village.....	316	332
Monticello city.....	1,982	1,643	Odell village.....	1,000	800
Montrose village.....	300	.....	Odin village.....	1,180	817
Morgan Park village.....	2,329	1,029	O'Fallon village.....	1,267	865
Morris city.....	4,273	3,653	Ogden village.....	419	324
Morrison city.....	2,308	2,088	Ohio village.....	461	364
Morrisonville village.....	894	844	Okawville village.....	544	472
Morton village.....	894	657	Old Marissa village.....	316	.....
Morton Grove village.....	564	.....	Olmsted village.....	268	208
Mound City city.....	2,706	.....	Olney city.....	4,260	3,531
Mound Station town.....	178	219	Omaha village.....	569	428
Mt. Auburn village.....	235	222	Onarga village.....	1,270	994
Mt. Carmel city.....	4,311	3,376	Onelda city.....	756	699
Mt. Carroll city.....	1,965	1,836	Oquawka village.....	1,010	.....
Mt. Erie village.....	306	266	Orangeville village.....	343	347
Mt. Greenwood village.....	190	.....	Oregon city.....	1,577	1,566
Mt. Morris village.....	1,048	895	Orion village.....	584	624
Mt. Olive village.....	2,336	1,985	Orland Park village.....	366	.....
Mt. Pulaski city.....	1,643	1,357	Oswego village.....	616	641
Mt. Sterling town.....	1,960	1,655	Ottawa city.....	10,598	9,965
Mt. Vernon city.....	5,216	3,233	Otterville town.....	208	178
Mt. Zion town.....	370	.....	Owaneco village.....	255	.....
Moweaqua village.....	1,478	848	.....	.....	.....
Mulberry Grove village.....	632	.....	Palatine village.....	1,020	891
Muncie village.....	324	.....	Palestine village.....	979	732
Murphysboro city.....	6,463	3,880	Palmer town.....	299	433
Murrayville village.....	467	422	Palmyra village.....	812	505
.....	.....	.....	Pana city.....	5,530	5,077
Naperville city.....	2,629	2,216	Panola village.....	148	132
Naples town.....	396	452	Papineau village.....	188	141
Nashville city.....	2,184	2,084	Paris city.....	6,105	4,996
Nauvoo city.....	1,321	1,208	Parkersburg town.....	211	196
Nebo village.....	508	453	Park Ridge village.....	1,340	967
Neoga village.....	1,126	829	Patoka village.....	640	502
Neponset village.....	516	542	Pawnee village.....	596	.....
Newark village.....	410	390	Pawpaw village.....	766	.....
New Athens village.....	966	624	Paxton city.....	3,036	2,187
New Baden village.....	510	.....	Payson village.....	566	.....
New Berlin village.....	632	494	Pearl village.....	722	928
New Boston city.....	703	445	Pearl City village.....	437	.....
New Burnside village.....	468	596	Pecatonica village.....	1,045	1,069
New Canton town.....	474	424	Pekin city.....	6,420	6,347
New Douglas village.....	468	555	Peoria city.....	56,100	41,024
New Grand Chain village.....	451	.....	Peoria Heights village.....	308	.....
New Grantsburg village.....	227	.....	Peotone village.....	1,003	717
New Haven village.....	479	336	Percy village.....	680	.....
New Holland village.....	358	.....	Perry town.....	642	706
Newman city.....	1,166	990	Pern city.....	6,863	5,550
New Memphis village.....	249	.....	Petersburg city.....	2,807	2,342
New Minden village.....	226	217	Phillipstown village.....	100	.....
New Salem town.....	290	307	Philo village.....	502	491
Newton city.....	1,690	1,428	Pinckneyville city.....	2,357	1,298
New Windsor town.....	473	477	Piper City village.....	577	460
Niantic town.....	654	639	Pittsfield city.....	2,298	2,296
Niles village.....	514	.....	Plainfield village.....	920	563
Niles Center village.....	629	.....	Plainville village.....	296	.....
Nilwood village.....	1,378	.....	Plano city.....	1,634	1,626
Noble town.....	697	424	Pleasant Hill village.....	390	310
Nokomis city.....	1,371	1,305	Pleasant Plains village.....	575	518
Nora village.....	312	309	Plymouth village.....	654	710
Normal town.....	2,795	3,459	Pocahontas village.....	482	372
Norris City village.....	868	223	Polo city.....	1,869	1,728
North Alton village.....	904	763	Pontiac city.....	4,266	2,784
North Chicago village.....	1,150	.....	Pontosse village.....	299	249
North Chillum village.....	417	.....	Poplar Grove village.....	322	232
North Peoria village.....	2,358	1,086	Port Byron village.....	782	775
North Utica village.....	1,150	1,094	Prarie City village.....	618	512
Nunda village.....	604	438	Prarie du Rocher village.....	847	406
.....	.....	.....	Princeton city.....	4,022	3,396
Oakford village.....	328	.....	Princeville village.....	735	641
Oakland city.....	1,196	995	Prophetstown town.....	1,143	694
Oakley town.....	99	.....	Pulaski village.....	424	.....

Table No. 5—Continued.

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Quincy city.....	34,253	31,494	Saybrook village.....	879	861
Raleigh village.....	223	.....	Scales Mound village.....	418	.....
Ramey village.....	747	598	Sciota village.....	228	228
Rankin village.....	754	314	Scottville village.....	364	363
Ransom village.....	339	348	Sears village.....	186	.....
Rantoul village.....	1,307	1,074	Seatonville village.....	900	536
Rapids City village.....	112	288	Secor village.....	373	379
Raymond village.....	906	841	Shabbona village.....	587	502
Redbud city.....	1,169	1,176	Shannon village.....	678	591
Reddick village.....	261	.....	Shawneetown city.....	1,638	.....
Redmon town.....	282	99	Sheffield village.....	1,265	998
Renault village.....	217	.....	Shelbyville city.....	2,546	2,162
Reynolds village.....	339	.....	Sheldon town.....	1,103	910
Richmond village.....	576	415	Sheridan village.....	426	425
Richview village.....	444	465	Sherrard village.....	826	.....
Ridge Farm village.....	923	757	Shipman village.....	396	410
Ridgely village.....	1,169	1,007	Shumway village.....	258	.....
Ridgway village.....	839	523	Sibley village.....	444	404
Ridott village.....	212	.....	Sidell village.....	776	.....
Ripley town.....	298	304	Sidney village.....	544	561
Riverdale village.....	558	.....	Sigel village.....	233	256
River Forest village.....	1,539	.....	Simpson village.....	187	.....
River Grove village.....	333	287	Smithboro village.....	316	393
Riverside village.....	1,551	.....	Smithfield village.....	420	.....
Riverton village.....	1,511	1,127	Smithton village.....	405	411
Riverview village.....	406	.....	Smithton village.....	630	468
Roanoke village.....	966	831	Somonauk village.....	1,000	525
Roberts village.....	446	325	Sorento village.....	898	799
Robinson city.....	1,632	1,387	South Danville village.....	515	505
Rochelle city.....	2,073	1,769	South Elgin village.....	766	1,005
Rochester village.....	385	.....	South Holland village.....	711	.....
Rock City village.....	174	148	South Wilmington village.....	459	471
Rockbridge village.....	589	336	Sparta city.....	2,941	1,979
Rock Falls city.....	2,176	1,900	Spillertown village.....	348	.....
Rockford city.....	31,051	23,584	Spring Bay village.....	128	147
Rock Island city.....	19,493	13,634	Springertown village.....	444	.....
Rockton village.....	936	892	Springfield city.....	24,159	24,963
Rockwood village.....	169	.....	Spring Forest village.....	378	.....
Rome town.....	229	186	Spring Garden town.....	227	181
Romeo village.....	112	.....	Spring Valley city.....	6,214	2,537
Roodhouse city.....	2,351	2,360	Stanford village.....	601	399
Roseville village.....	1,014	788	Stanton city.....	2,796	2,309
Rosiclare village.....	278	274	Steeleville village.....	562	401
Rossville village.....	1,435	879	Steger village.....	712	.....
Ruma village.....	151	.....	Sterling city.....	6,309	5,634
Rushville city.....	2,292	2,031	Stewardson town.....	677	617
Russellville town.....	253	244	Stockton village.....	946	379
Rutland village.....	893	509	Stonington village.....	428	370
Sadorus village.....	310	277	Strasbourg village.....	392	263
Sailor Springs village.....	479	.....	Strawn village.....	224	222
St. Anne village.....	1,000	718	Streator city.....	14,079	11,414
St. Augustine village.....	229	255	Stronghurst village.....	763	.....
St. Charles city.....	2,678	1,690	Sublette village.....	306	.....
St. David village.....	481	.....	Sullivan city.....	2,399	1,498
St. Elmo town.....	1,050	354	Summerfield village.....	360	557
St. Francisville village.....	591	432	Summit village.....	547	.....
St. Jacob village.....	464	475	Summer city.....	1,268	1,037
St. Joseph village.....	637	552	Wansea village.....	735	.....
St. Libory village.....	220	.....	Swedona village.....	111	159
St. Mary village.....	395	.....	Sycamore city.....	2,653	2,967
St. Marie village.....	406	38	Table Grove village.....	376	.....
Salom city.....	1,642	1,493	Tallula village.....	639	445
Saline village.....	151	.....	Tamaroa village.....	853	.....
Sandoval village.....	1,258	834	Tampico village.....	807	429
Sandwich city.....	2,520	2,516	Taylorville city.....	4,248	2,529
San Jose village.....	479	307	Tennessee village.....	327	312
Sato village.....	182	.....	Teutopolis village.....	498	.....
Saukemin village.....	350	366	Thebes village.....	417	.....
Savanna city.....	3,325	3,097	Thompsonville village.....	395	305
			Thomson village.....	467	374
			Tilton village.....	474	474

Table No. 5—Concluded.

CITIES, TOWNS AND VILLAGES.	POPULATION.		CITIES, TOWNS AND VILLAGES.	POPULATION.	
	1900	1890		1900	1890
Time village.....	125	146	Watseka city.....	2,504	2,017
Tinley Park village.....	300	.....	Watson village.....	341	326
Tiskilwa village.....	965	80	Wauconda village.....	397	368
Toledo town.....	818	676	Waukegan city.....	9,426	4,915
Tolono village.....	845	902	Waverly city.....	1,573	1,347
Toloca city.....	2,629	.....	Wayne City village.....	522	.....
Tonica village.....	497	473	Waynesville village.....	525	369
Topeka village.....	160	141	Weldon village.....	536	.....
Toulon town.....	1,067	945	Wenona city.....	1,486	1,088
Towanda village.....	467	402	West Brooklyn village.....	279	.....
Tower Hill village.....	615	543	West Chicago village.....	1,877	1,506
Tremont town.....	765	508	West Dundee village.....	1,348	873
Trenton city.....	1,706	1,384	Western Springs village.....	662	461
Troy city.....	1,080	526	Westfield village.....	820	510
Troy Grove village.....	815	283	West Freeport village.....	724	.....
Tuscola city.....	2,569	1,897	West Hammond village.....	2,935	.....
Union village.....	322	.....	West Point village.....	277	.....
Upper Alton city.....	2,373	1,803	West Salem town.....	700	476
Urbana city.....	5,728	3,511	Westville village.....	1,605	.....
Vandalia city.....	2,665	2,144	Wheaton city.....	2,345	1,622
Varna village.....	403	398	Wheeler village.....	206	.....
Venedy village.....	177	193	Wheeling town.....	831	811
Venice city.....	2,450	932	Whitehall city.....	2,030	1,961
Vergennes village.....	416	275	Williamsfield village.....	447	.....
Vermillion village.....	305	325	Williamsville village.....	573	444
Vermont village.....	1,195	1,158	Willisville village.....	396	.....
Versailles town.....	524	517	Wilmette village.....	2,300	1,458
Victoria village.....	329	308	Wilmington city.....	1,420	1,576
Vienna city.....	1,217	828	Wilmington village.....	213	.....
Viola village.....	552	421	Winchester city.....	1,711	1,542
Virden city.....	2,280	1,610	Windsor city.....	866	866
Virginia city.....	1,600	1,602	Winnebago village.....	405	464
Waggoner village.....	268	.....	Winnetka village.....	1,833	1,079
Waldron village.....	296	308	Winslow village.....	405	333
Walnut village.....	791	605	Winstanley Park village.....	1,055	.....
Walshville village.....	130	167	Witt village.....	428	.....
Wapella village.....	442	371	Woodhull village.....	774	608
Warren village.....	1,327	1,172	Woodland village.....	331	.....
Warrensburg town.....	503	.....	Woodlawn town.....	360	.....
Warsaw town.....	2,335	2,721	Woodson village.....	255	.....
Washburn village.....	703	598	Woodstock city.....	2,502	1,668
Washington city.....	1,469	1,301	Worden village.....	544	522
Wataga village.....	545	586	Wyandot village.....	902	670
Waterloo city.....	2,114	1,860	Wyoming city.....	1,277	1,116
Waterman village.....	358	351	Xenia village.....	800	878
			Yates City village.....	650	657
			York village.....	353	294
			Yorkville village.....	413	375

Of the afore named 930 incorporated cities, towns and villages, 614 have less than 1,000 inhabitants; 878 have less than 5,000; 27 have more than 5,000, but less than 10,000; 14 have more than 10,000, but less than 20,000; 4 have more than 20,000, but less than 25,000; and 7 have more than 25,000.

Table 6 gives for each of the 7 cities having upwards of 25,000 inhabitants in 1900 the population at each census from 1830 to 1900, inclusive, so far as it is separately stated in the census reports at each decennial period. Table 7, which immediately follows, shows for each city the increase in population by number and per cent during each of the ten-year periods.

**TABLE 6—Population of the Principal Cities of Illinois—
1830 to 1900.**

Cities.	1900	1890	1880	1870	1860	1850	1840	1830
Chicago city	1,698,575	1,099,850	508,125	298,977	109,380	39,963	4,470	.....
East St. Louis city	29,655	15,169	9,195	5,644	.....	.....	.....	.....
Joliet city	29,858	23,264	11,057	7,268	7,104	2,659	2,558	.....
Peoria city	56,100	41,024	23,259	23,849	14,045	6,096	1,467	.....
Quincy city	36,252	31,494	27,268	24,082	13,718	6,802	2,819	300
Rockford city	31,051	23,584	13,129	11,049	6,979	2,098	.....	.....
Springfield city	34,159	24,963	12,743	17,364	9,320	4,538	2,579	.....

TABLE NO 7—*Increase in Population of the*

CITIES.	INCREASE FROM 1890 TO 1900.		INCREASE FROM 1890 TO 1899.		INCREASE FROM 1870 TO 1890.	
	Number.	Percent.	Number.	Percent.	Number.	Percent.
Chicago city.....	598,725	54.4	596,665	118.5	204,208	68.3
East St. Louis city	14,486	95.4	5,984	65.1	3,641	67.7
Joliet city	6,089	25.1	11,607	99.5	4,394	60.4
Peoria city	15,076	36.7	11,765	40.2	6,410	28.0
Quincy city.....	4,758	15.1	4,226	15.5	3,216	13.3
Rockford city.....	7,467	31.6	10,455	79.6	2,080	18.8
Springfield city.....	9,196	36.8	5,220	26.4	2,579	12.7

All of the above named cities show an increase in population since 1890, the smallest 15.1 for the city of Quincy. Chicago, with 1,698,575 inhabitants increase of 54.4 per cent; this is about the same numerical increase, but less during which period the boundaries of the city were widely extended. compared with 41,024 in 1890, the increase in ten years being 15,076, or 36.7 34,159 in 1900, shows a gain of 9,196, or 36.8 per cent, during the decade, part observed in East St. Louis, which has nearly doubled its population during census was taken in 1870.

Principal Cities of Illinois—1830 to 1900.

INCREASE FROM 1880 TO 1890.		INCREASE FROM 1890 TO 1900.		INCREASE FROM 1840 TO 1850.		INCREASE FROM 1830 TO 1840		CITIES.
Number.	Percent.	Number.	Percent.	Number.	Percent.	Number.	Per cent.	
189,717	178.6	79,297	264.6	25,493	570.3	.....	.....	Chicago city
.....	.....	.....	.....	.....	.....	.....	.....	East St. Louis city
159	2.2	4,445	167.1	101	3.9	.....	.....	Joliet city
8,904	63.6	8,980	175.6	3,628	247.3	.....	.....	Peoria city
10,324	75.3	6,816	98.7	4,583	197.6	2,019	673.0	Quincy city
4,070	58.3	4,886	233.4	.....	.....	.....	.....	Rockford city
8,044	86.3	4,787	105.6	1,954	75.7	.....	.....	Springfield city...

the largest percentage of gain being 95.4 for the city of East St. Louis, and in 1900, shows a numerical increase of 598,725 since 1890, and a rate of than half the rate of increase shown for the ten years from 1880 to 1890, Peoria, the second city in magnitude, has a population of 56,100 in 1900, as per cent. Springfield, the fourth city in the State, with a population of of which is due to recent annexations of territory. The greatest growth is the last ten years, and is now more than five times as large as when its first

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